

Program EVALPLOT
(Version 2017-1)

by

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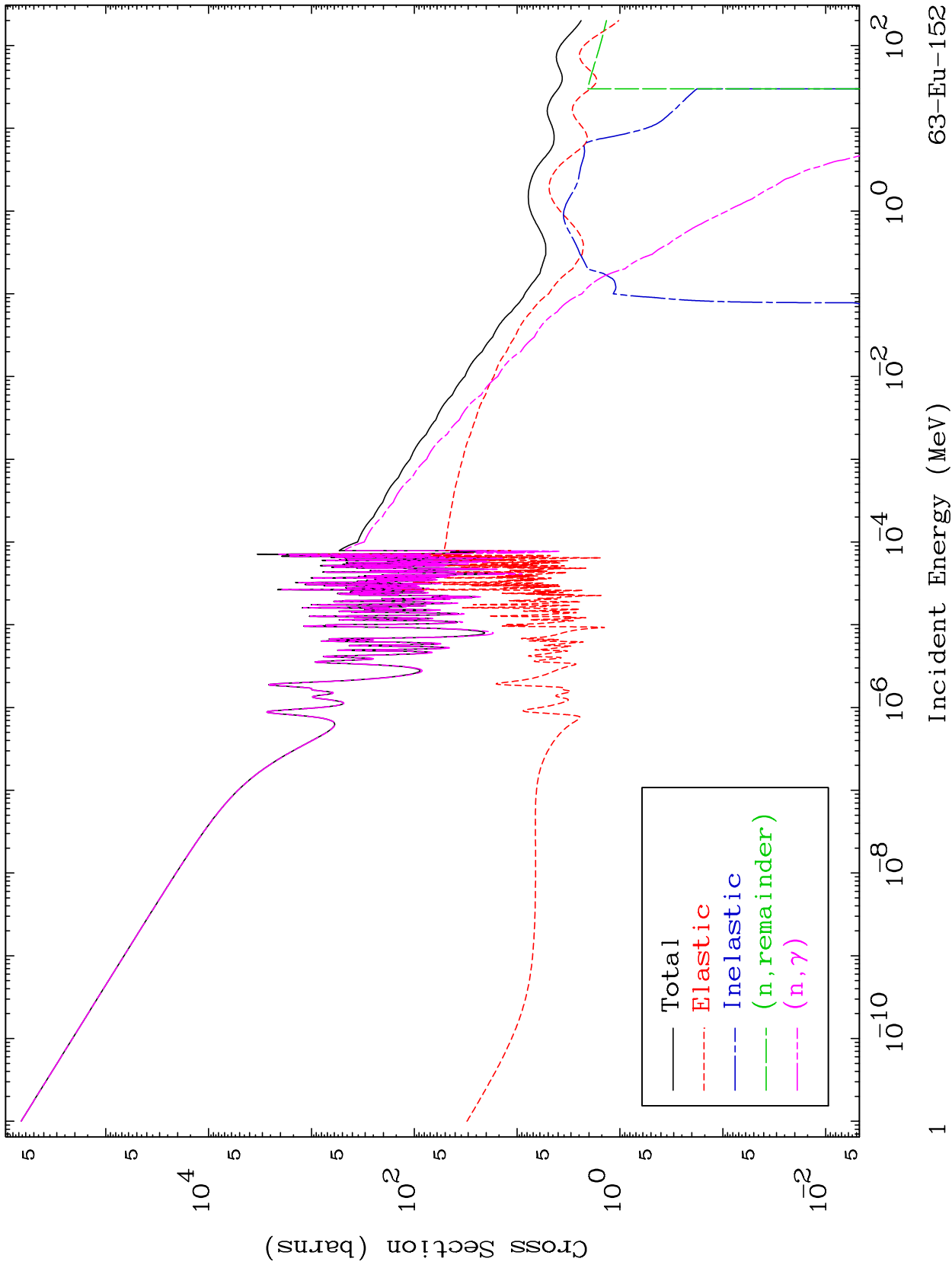
Press Mouse Button to Start

MAT 6328

Major

293 Kelvin Cross Sections

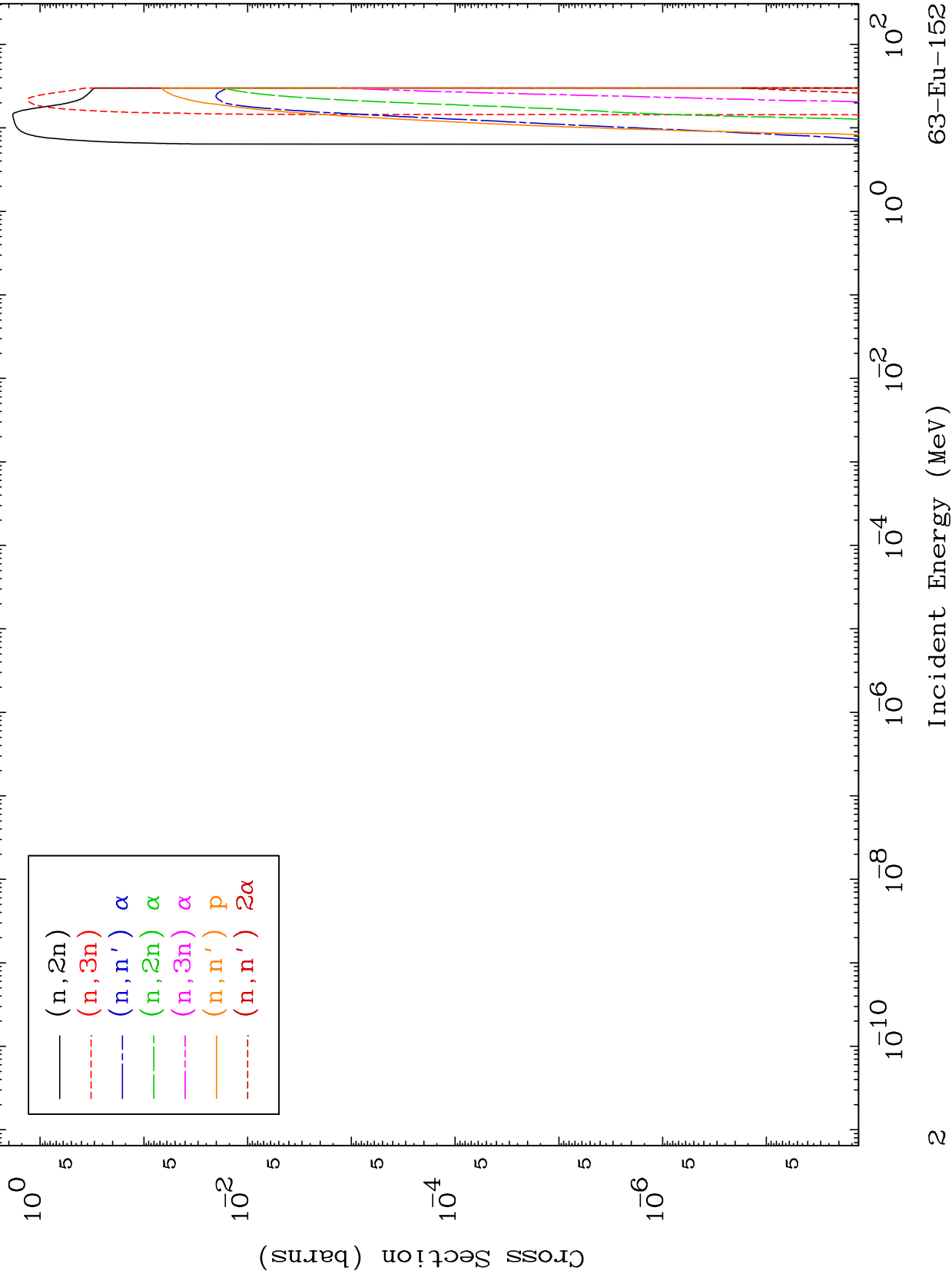
63-Eu-152

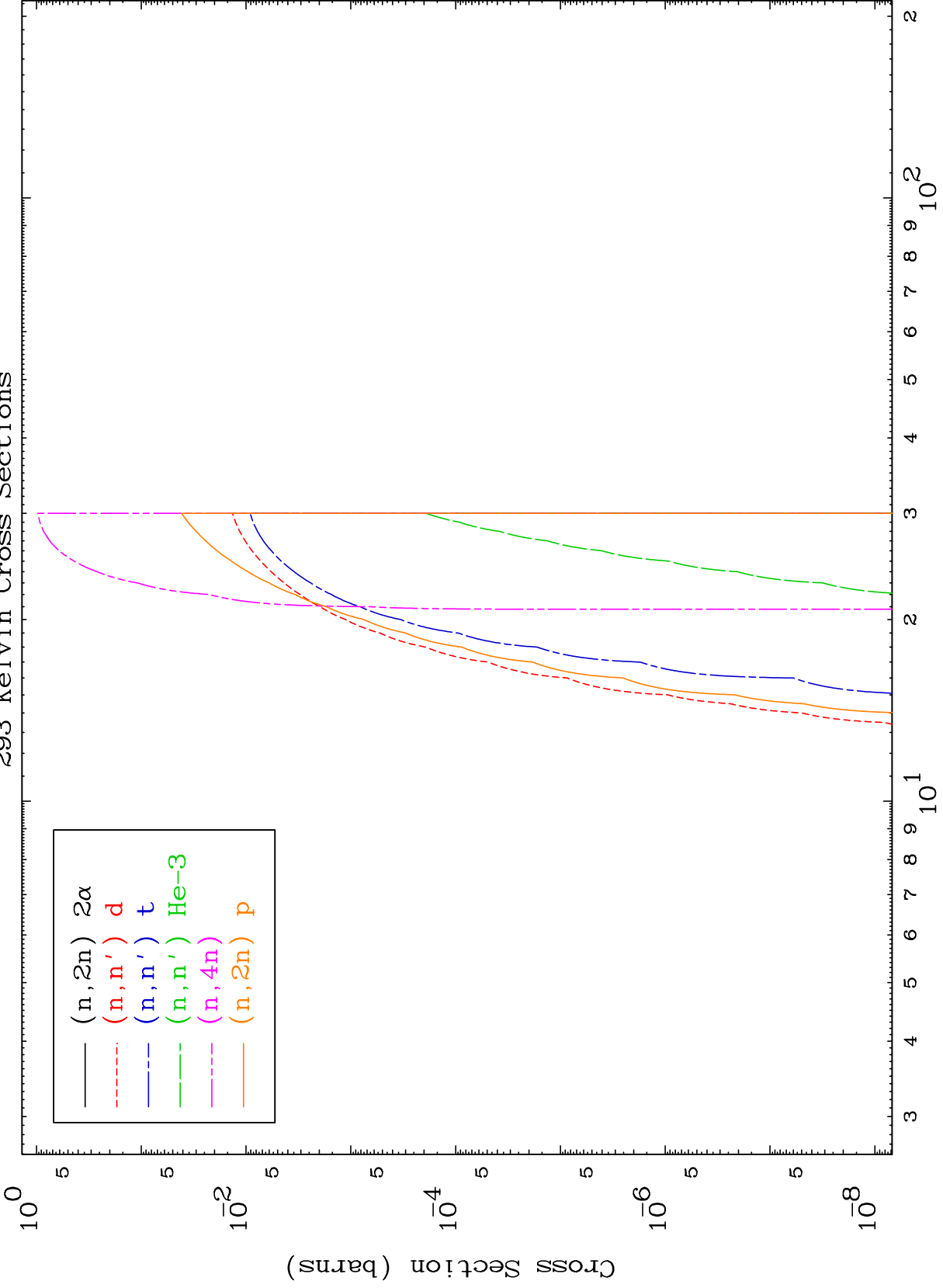


MAT 6328

Neutron Production
293 Kelvin Cross Sections

63-Eu-152

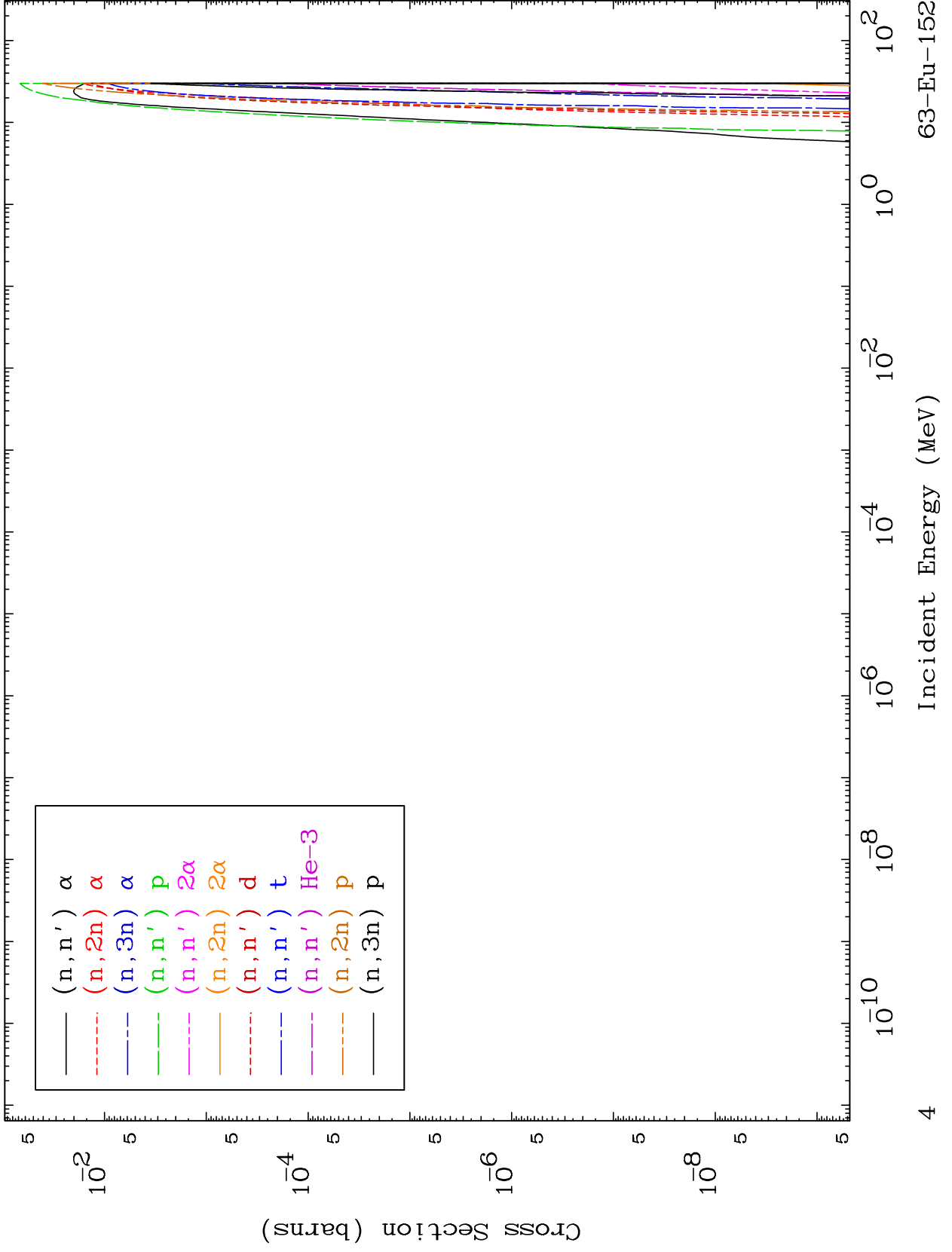




MAT 6328

Charged Particle
293 Kelvin Cross Sections

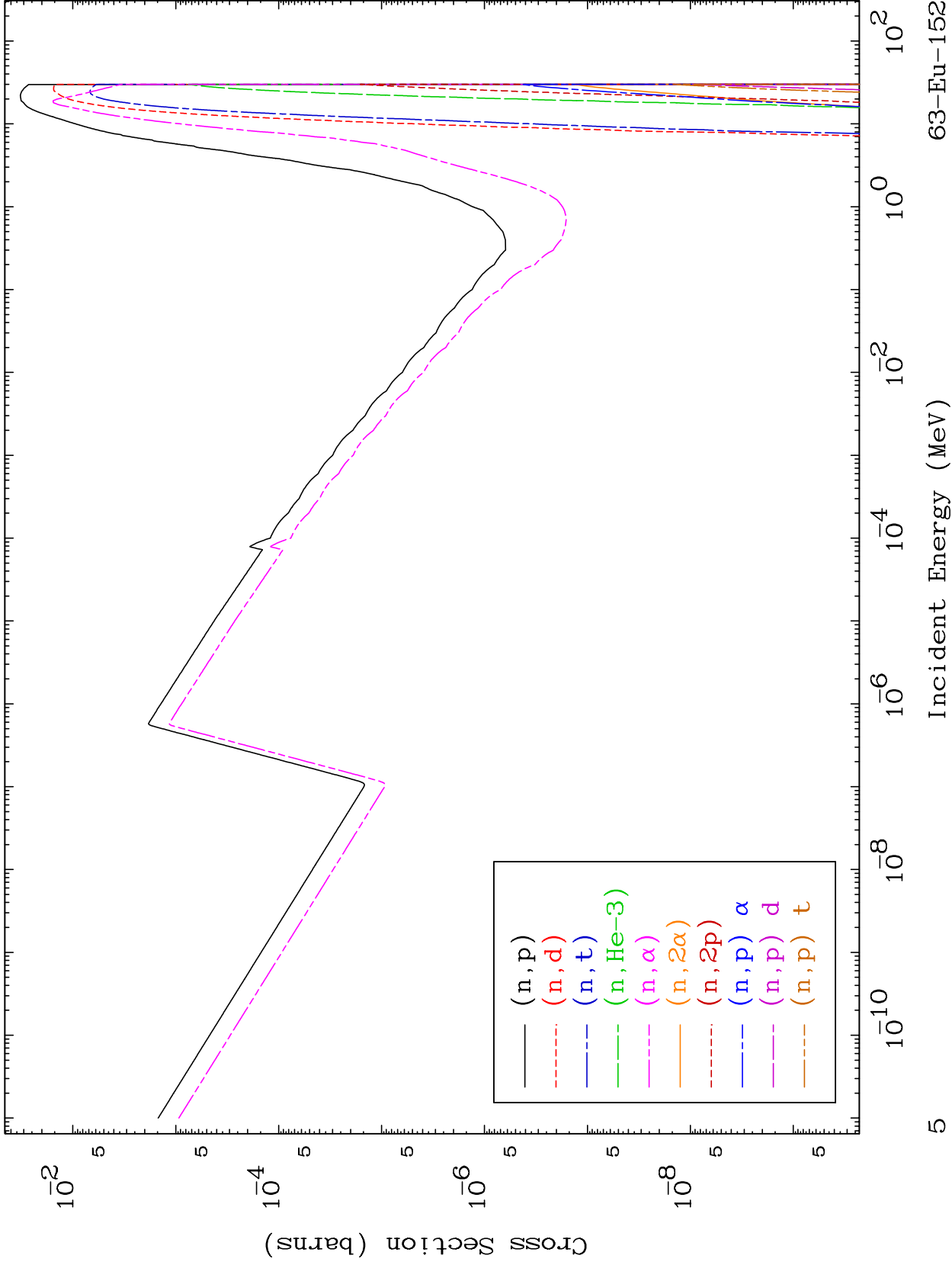
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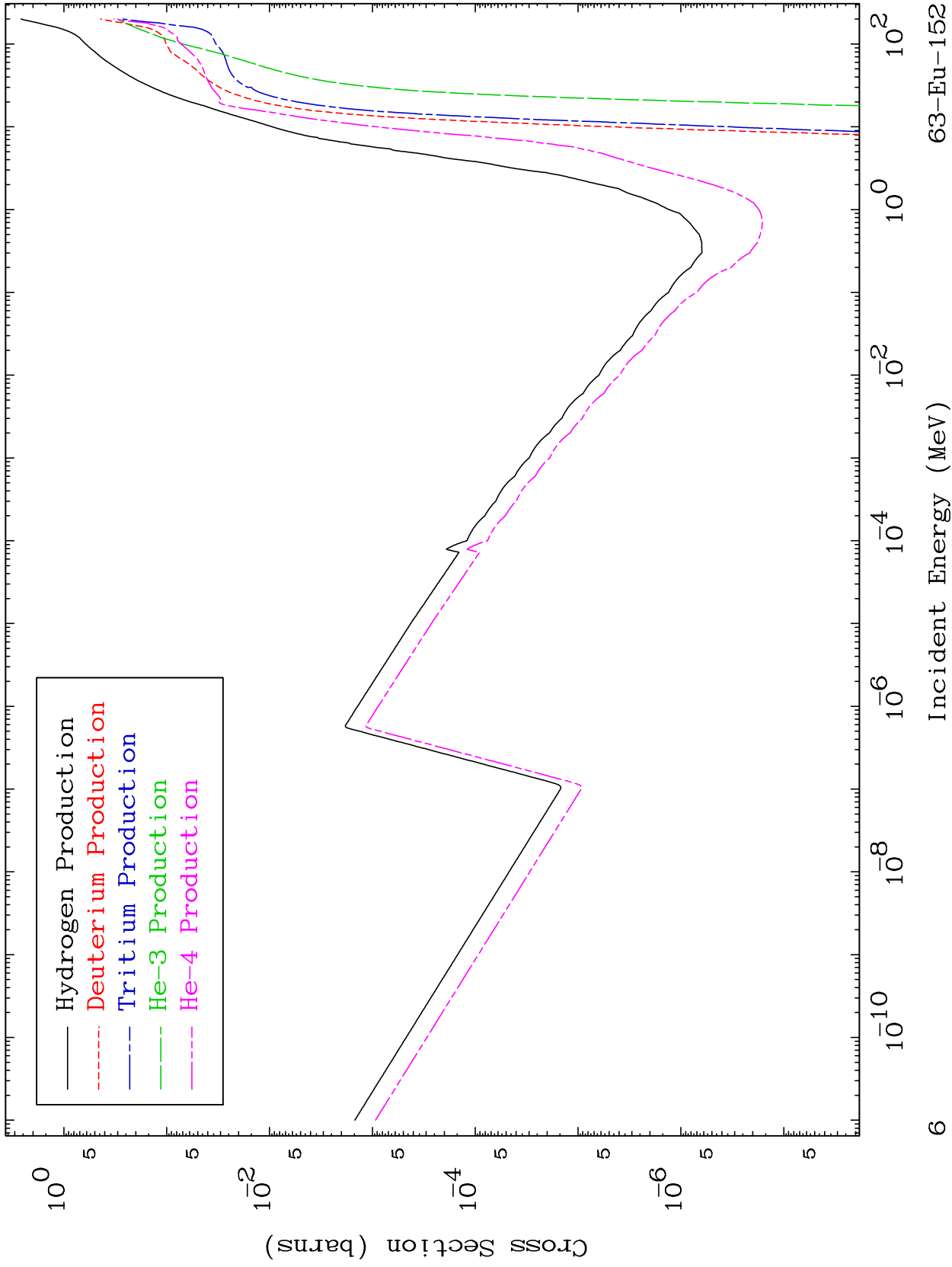


MAT 6328

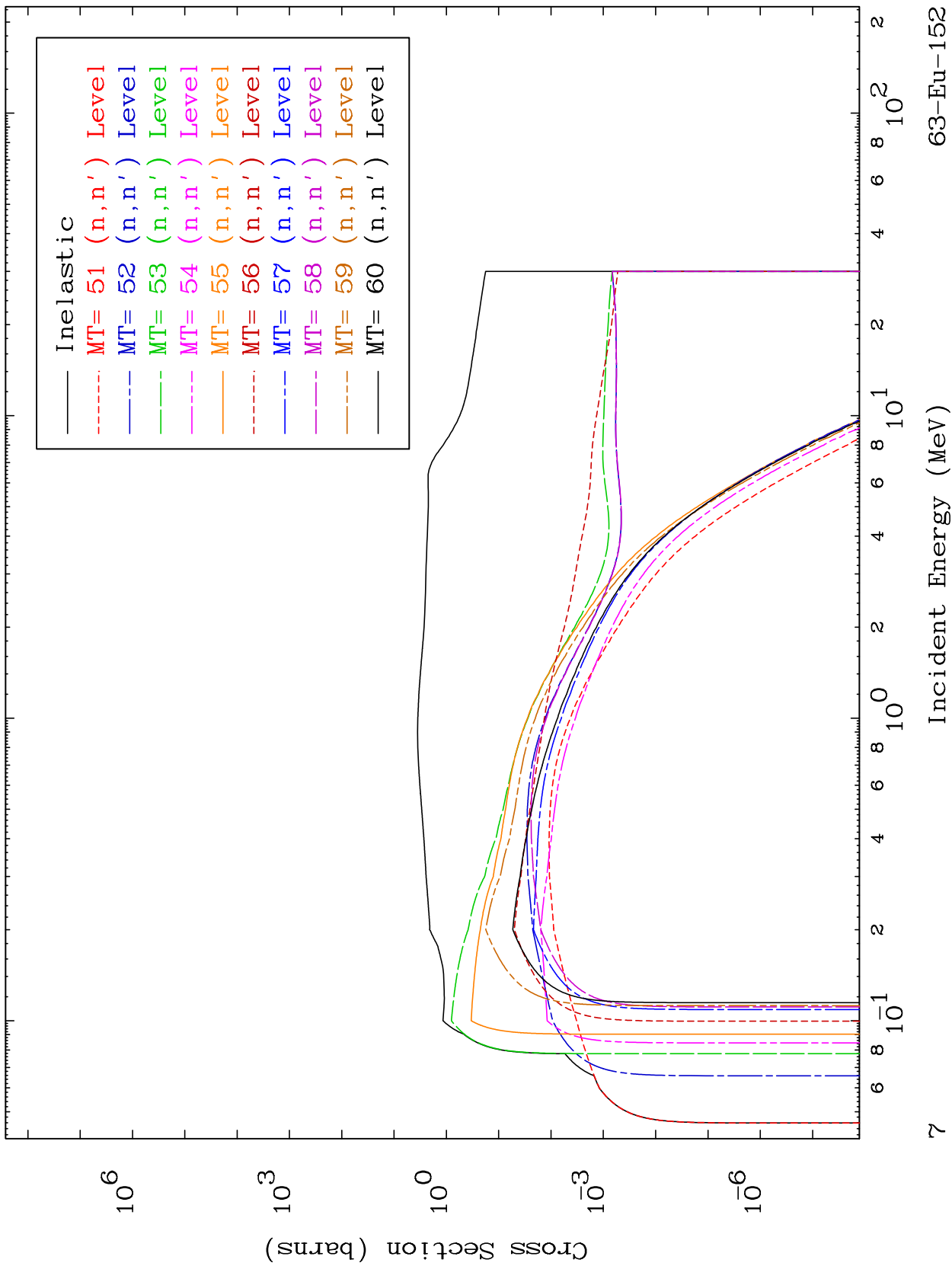
Charged Particle
293 Kelvin Cross Sections

63-Eu-152

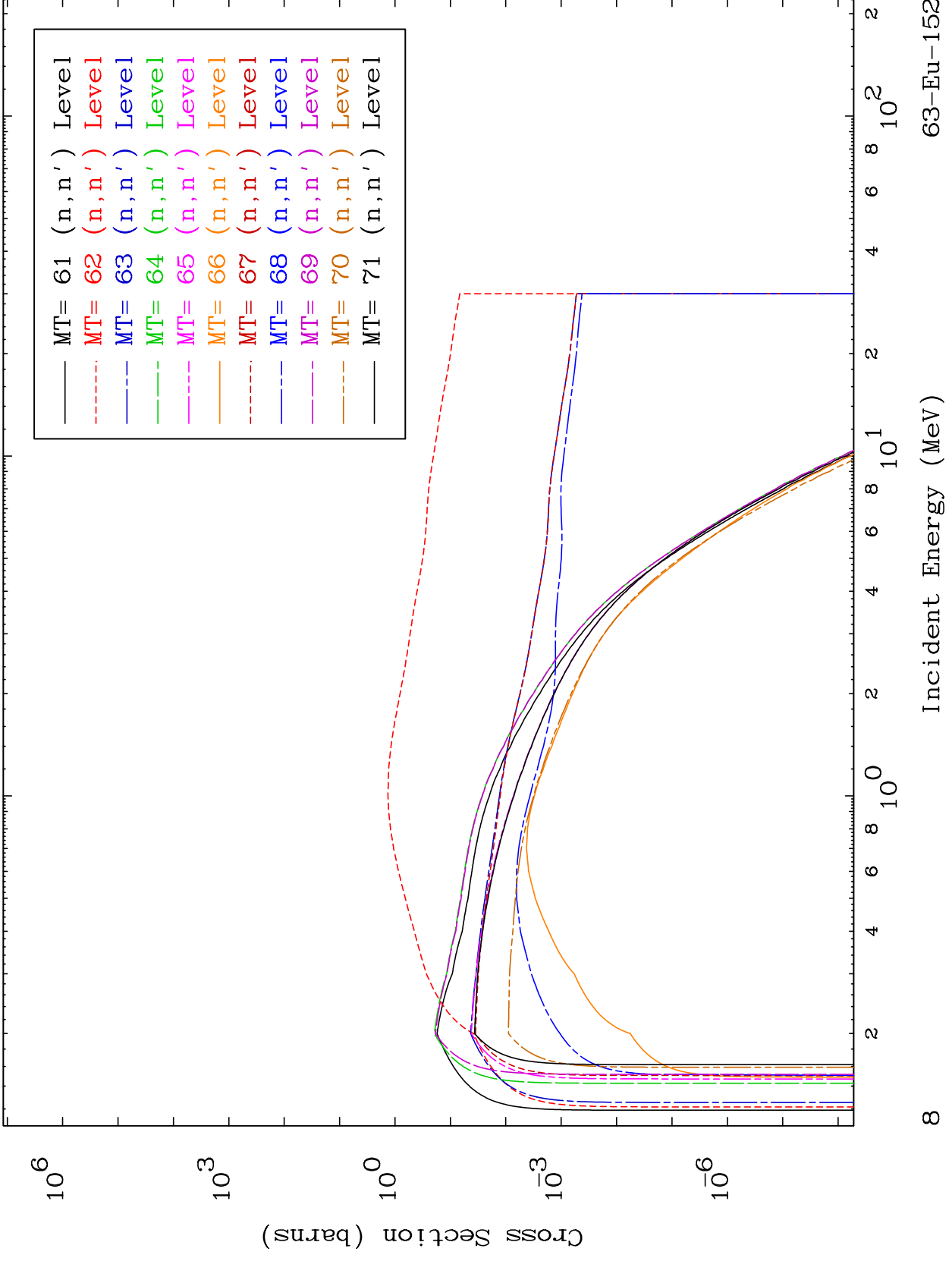




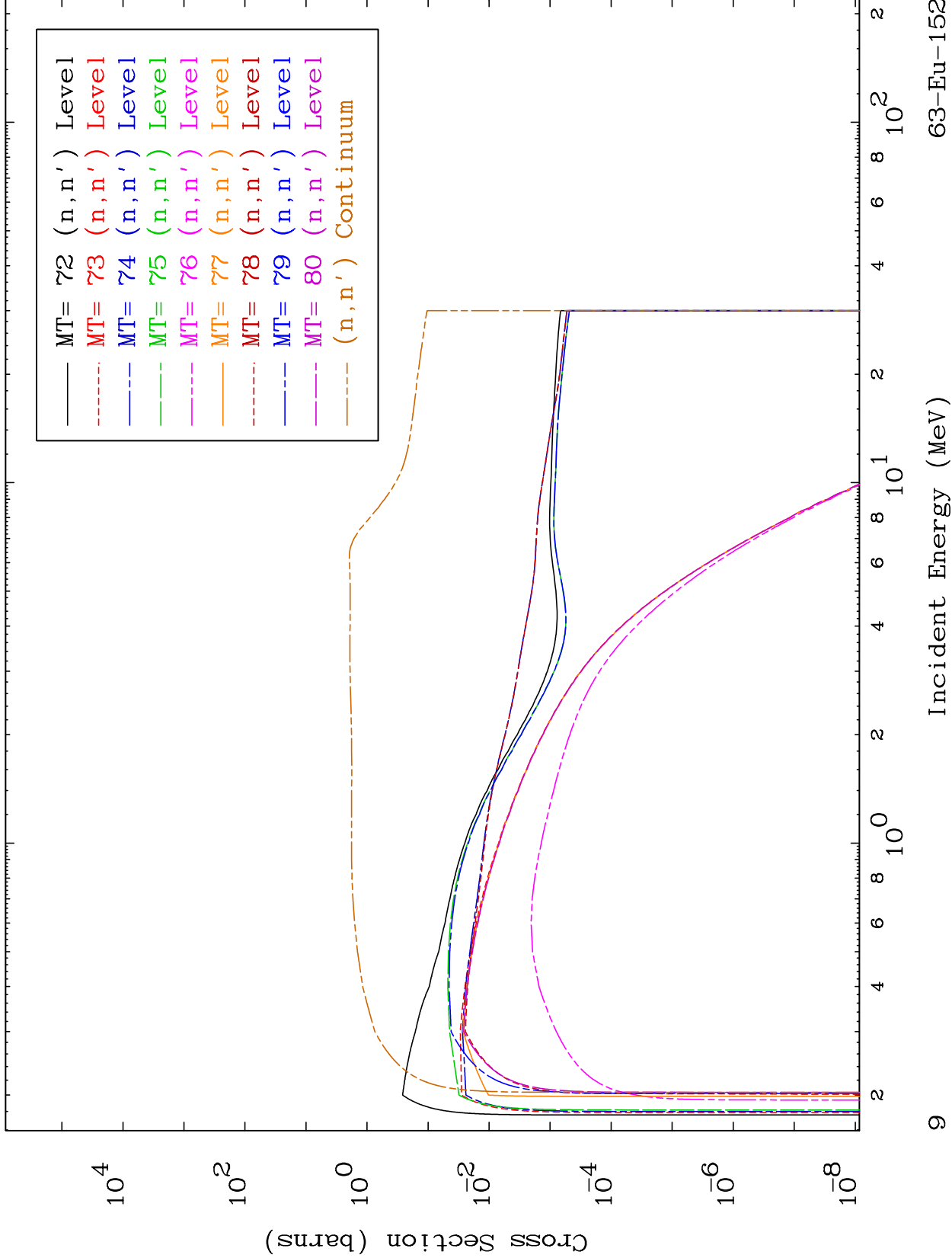
293 Kelvin Cross Sections



293 Kelvin Cross Sections



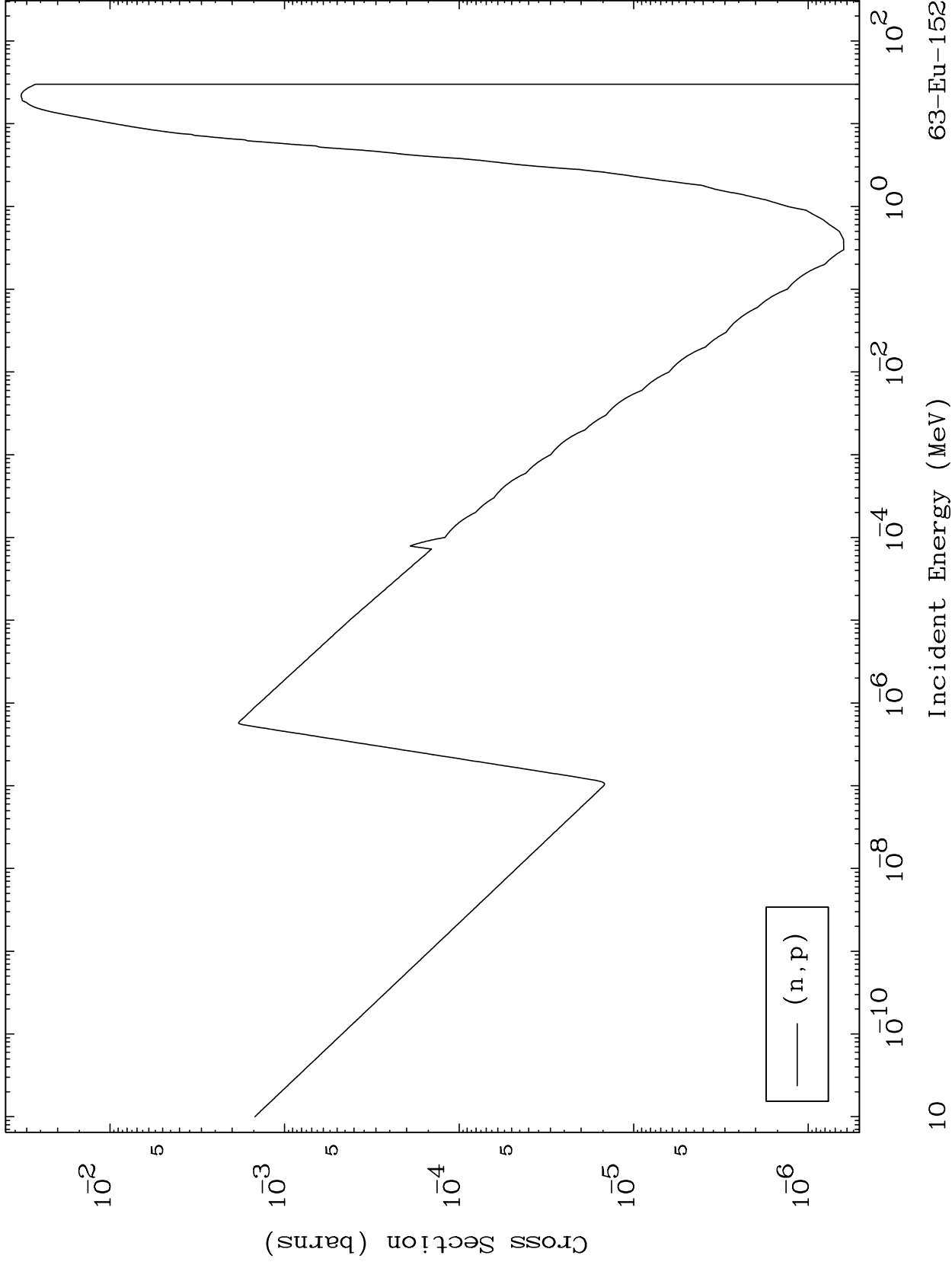
293 Kelvin Cross Sections



MAT 6328

(n,p) Levels
293 Kelvin Cross Sections

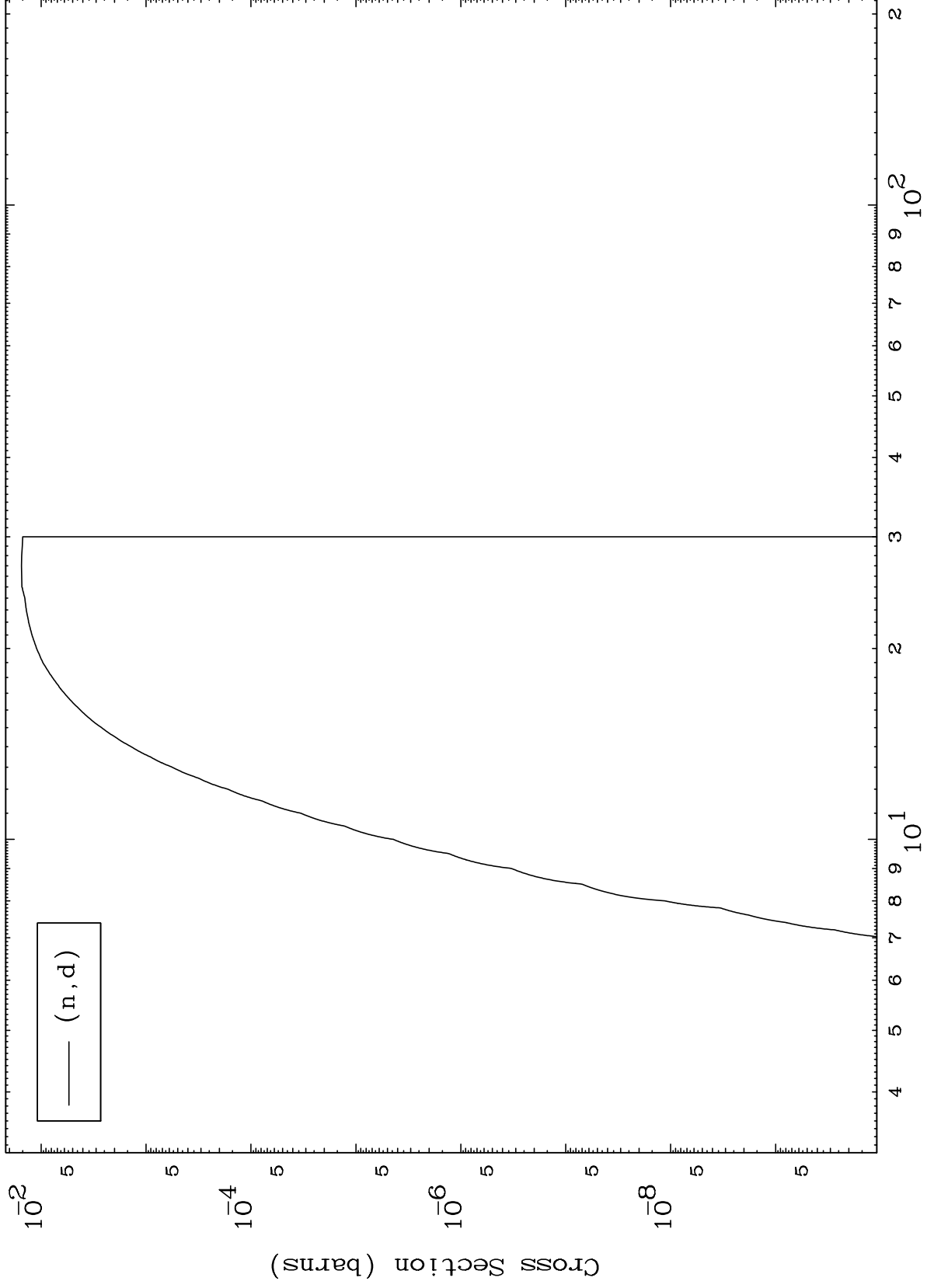
63-Eu-152



MAT 6328

(n,d) Levels
293 Kelvin Cross Sections

63-Eu-152



11

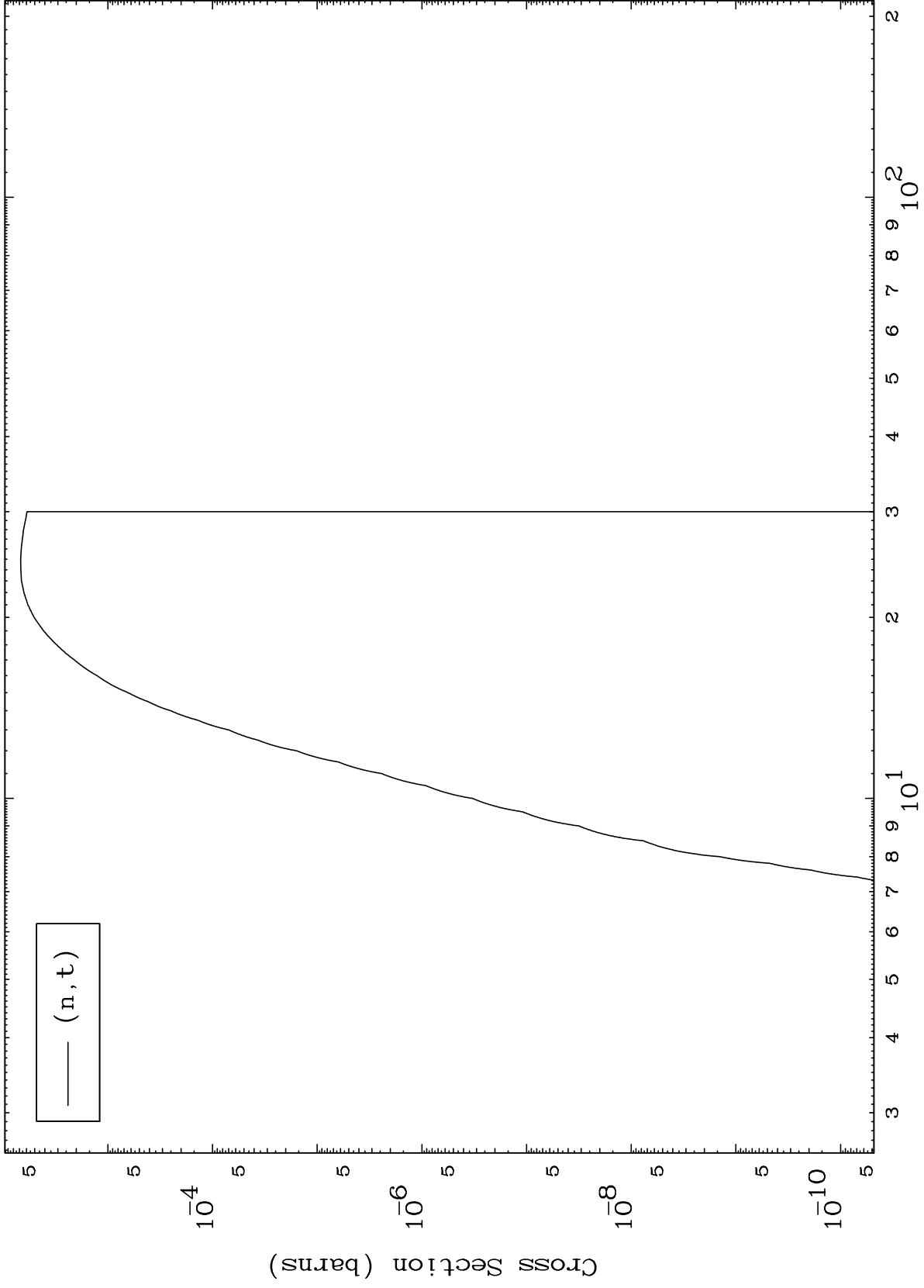
Incident Energy (MeV)

63-Eu-152

MAT 6328

(n,t) Levels
293 Kelvin Cross Sections

63-Eu-152



12

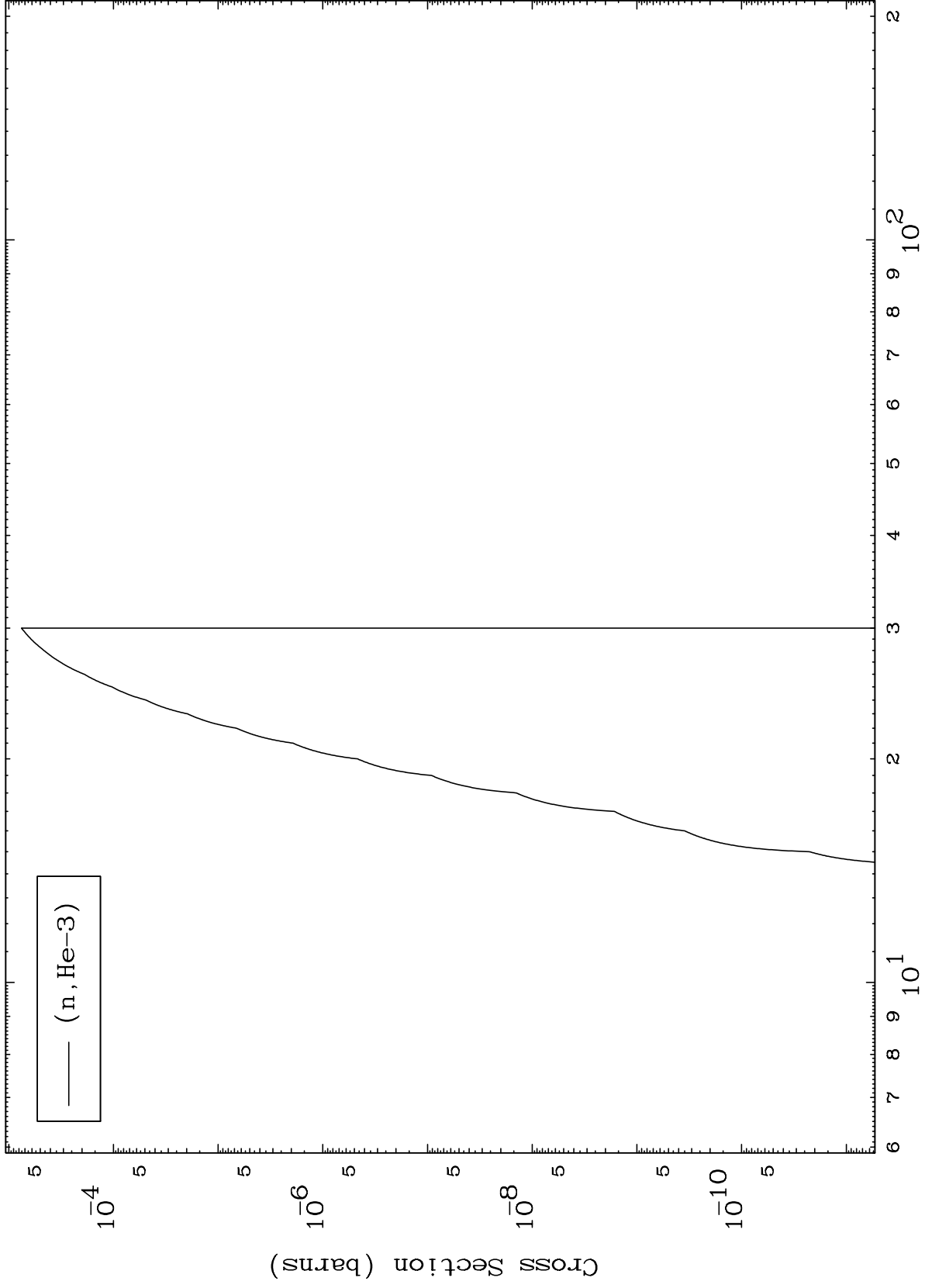
Incident Energy (MeV)

63-Eu-152

MAT 6328

(n,He3) Levels
293 Kelvin Cross Sections

63-Eu-152



13

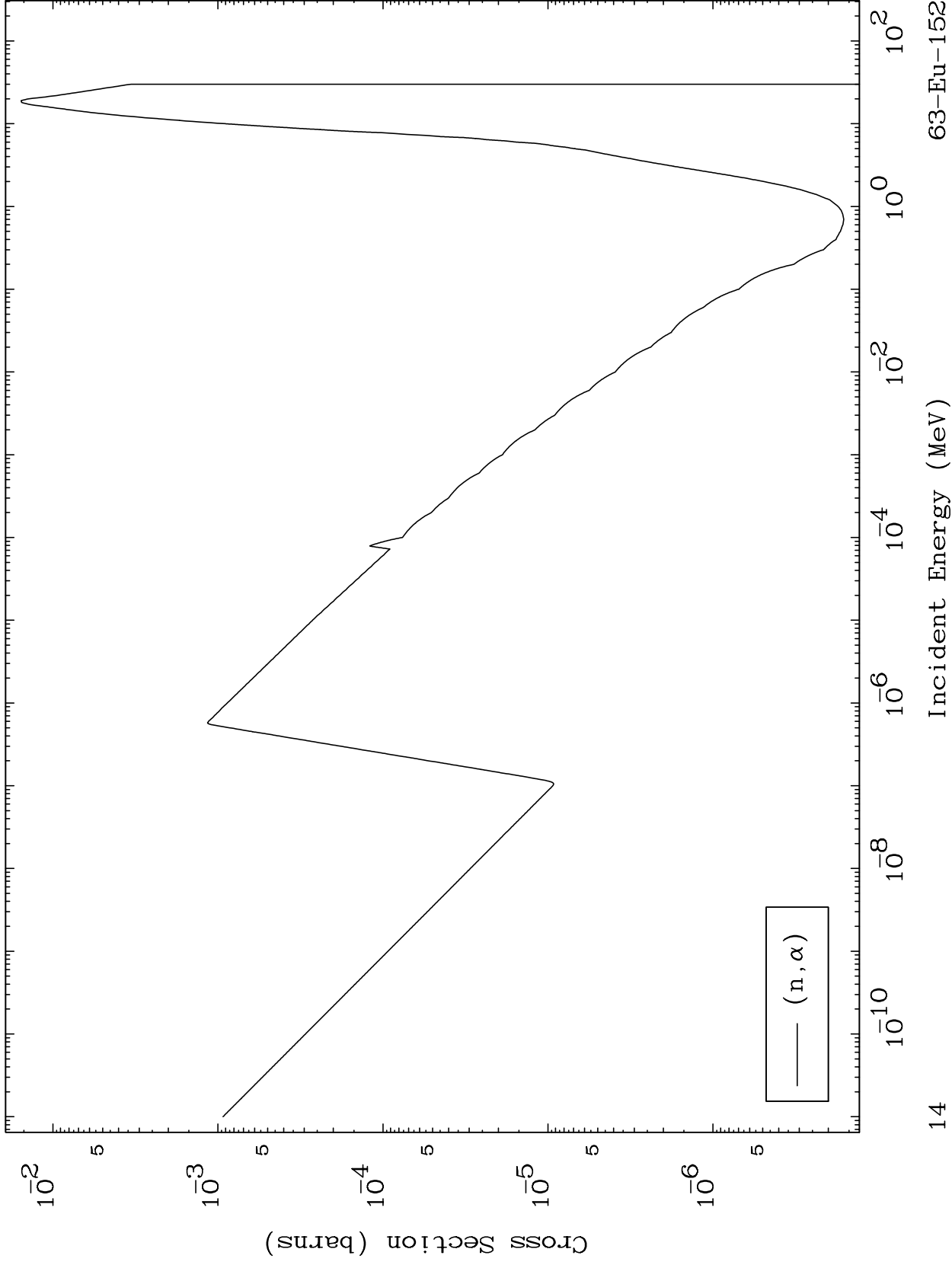
Incident Energy (MeV)

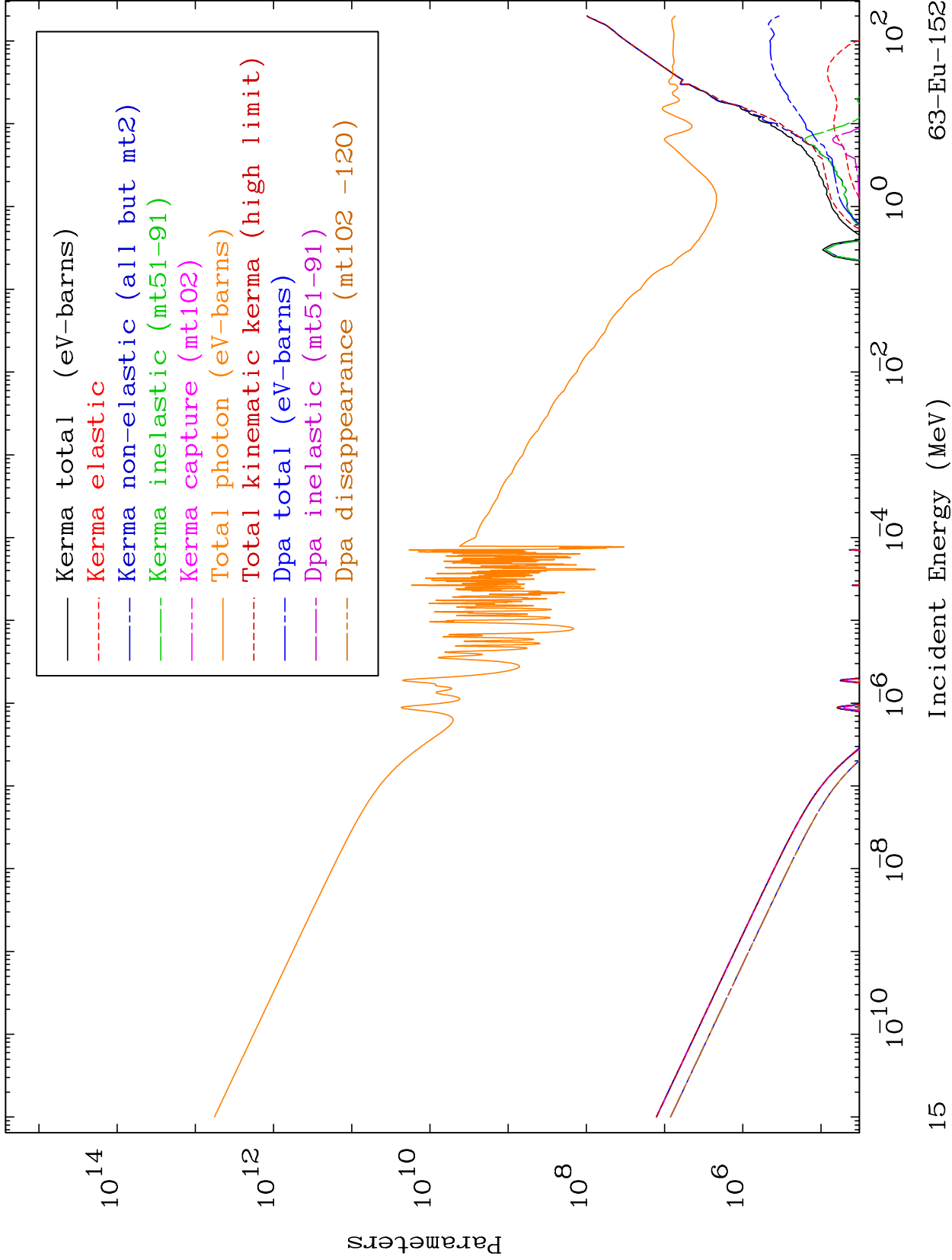
63-Eu-152

MAT 6328

(n,α) Levels
293 Kelvin Cross Sections

63-Eu-152

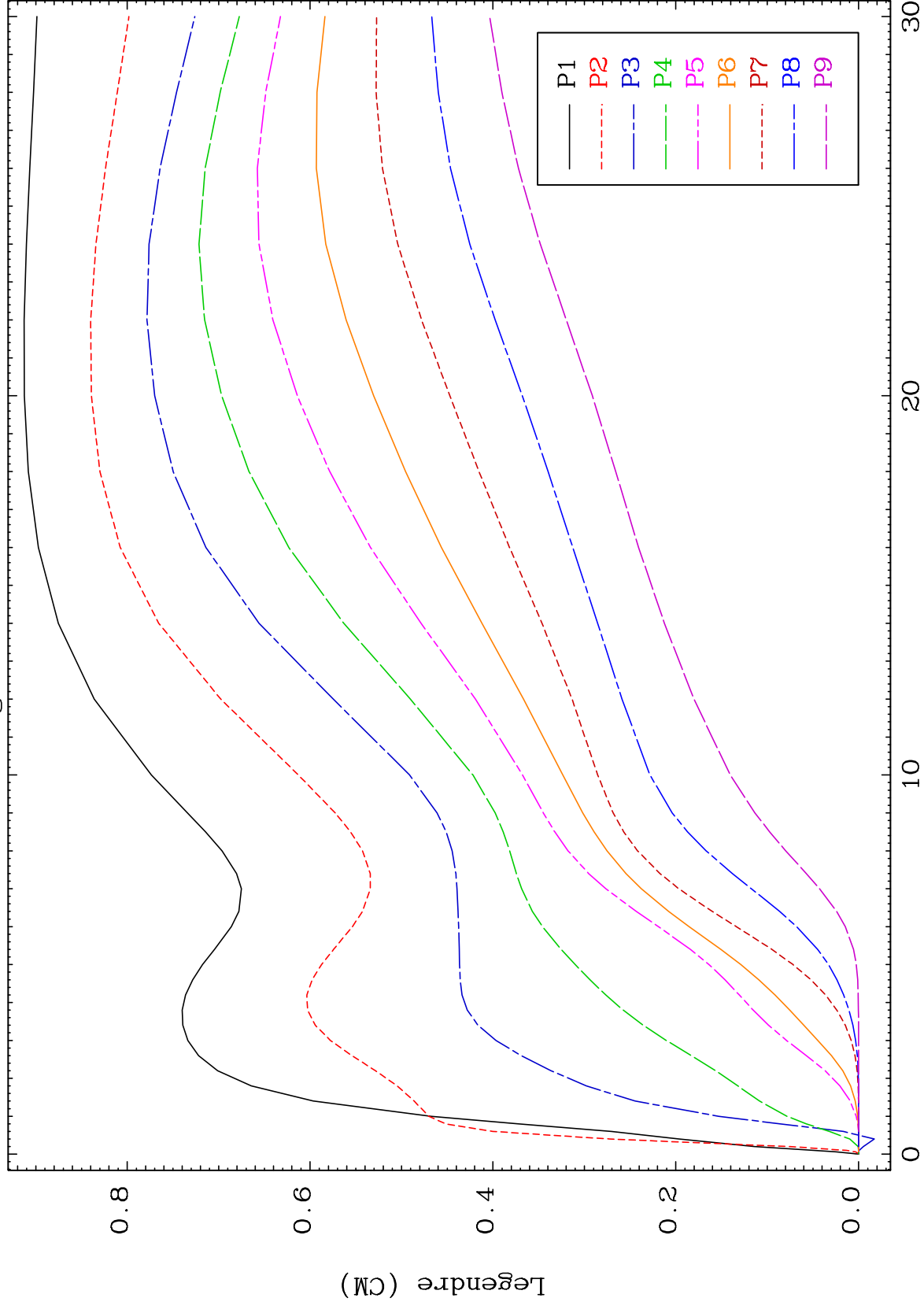




MAT 6328

Elastic Legendre Coefficients

63-Eu-152



16

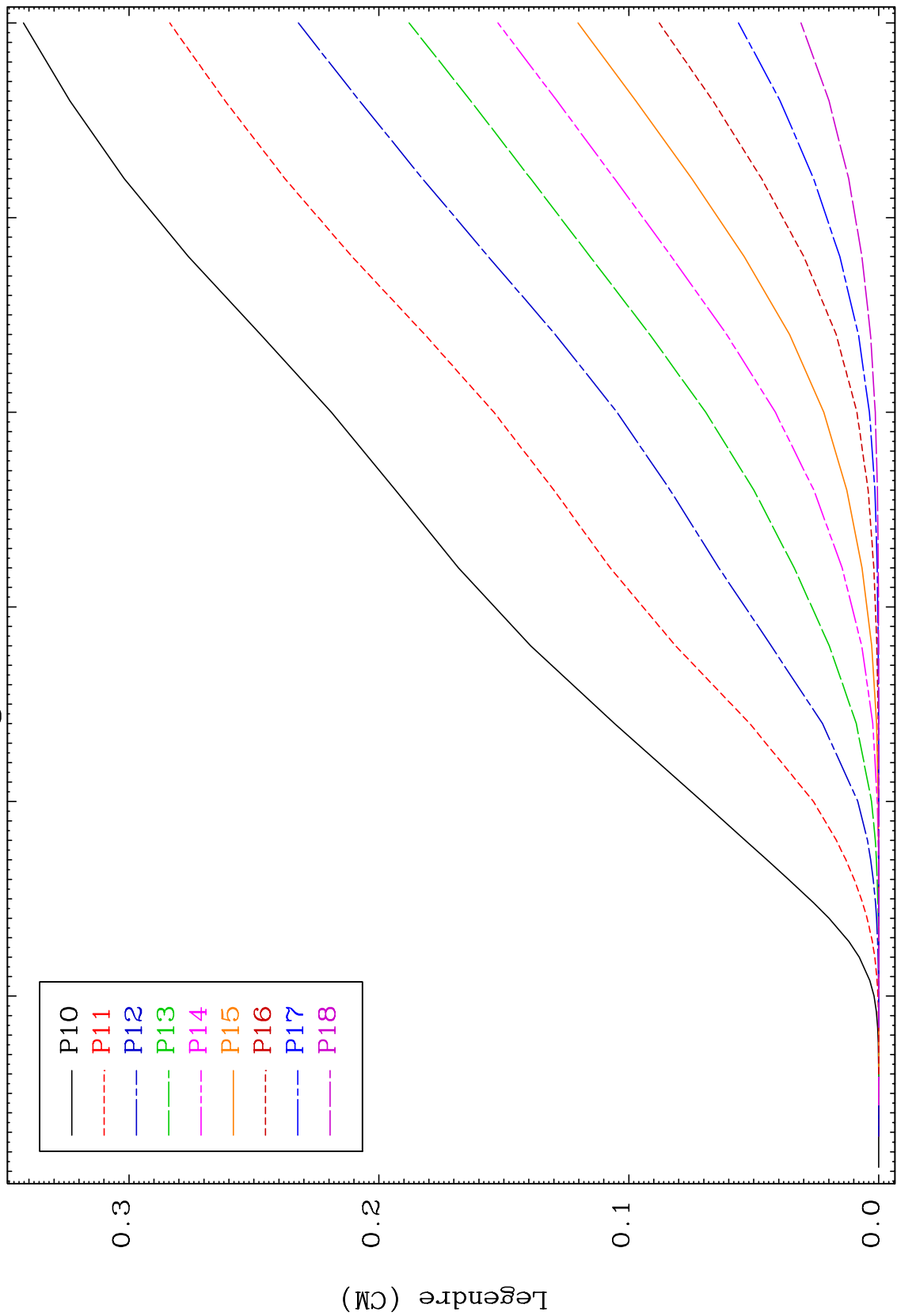
Incident Energy (MeV)

63-Eu-152

MAT 6328

Elastic Legendre Coefficients

63-Eu-152



17

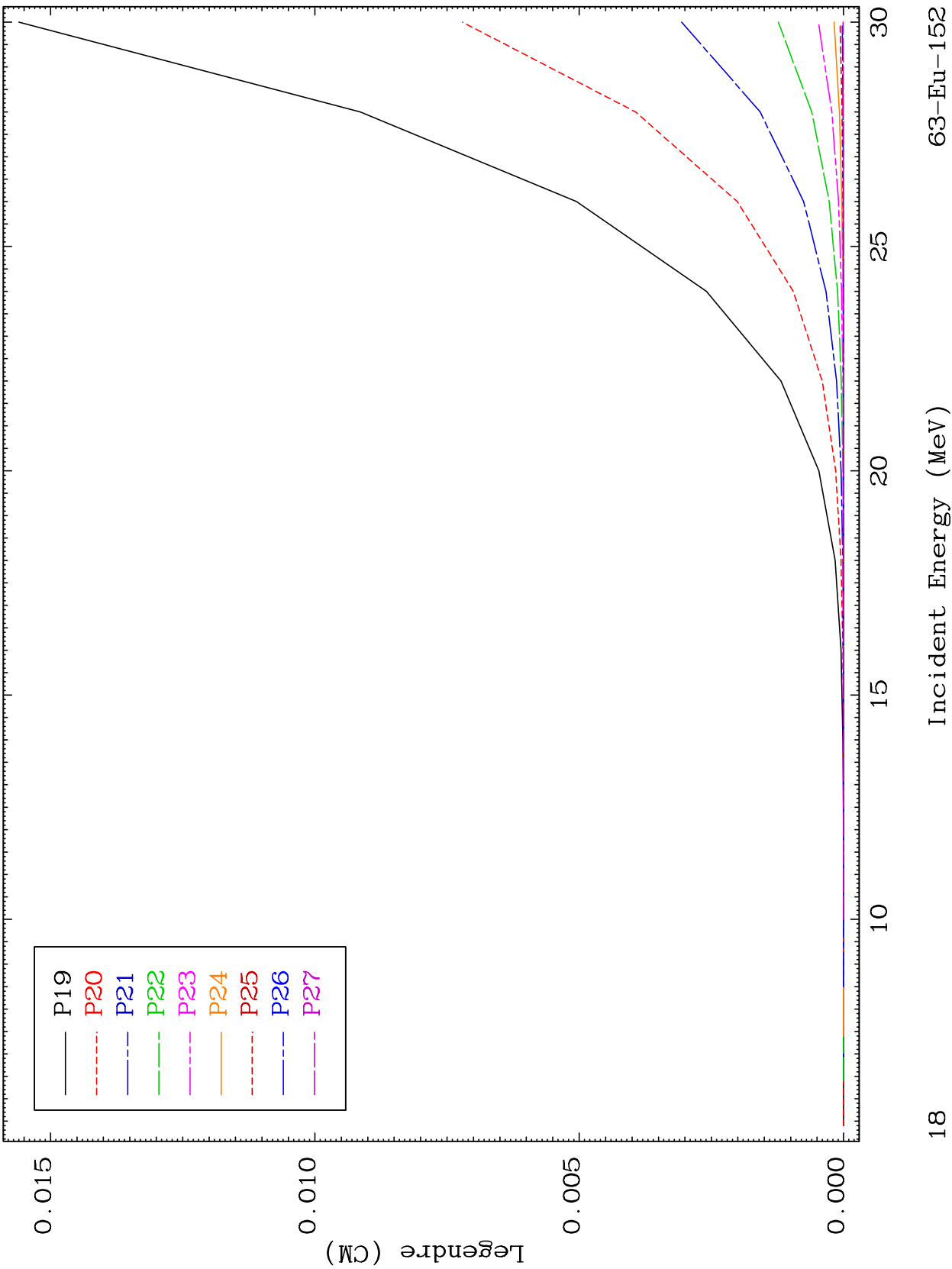
63-Eu-152

Incident Energy (MeV)

MAT 6328

Elastic Legendre Coefficients

63-Eu-152



18

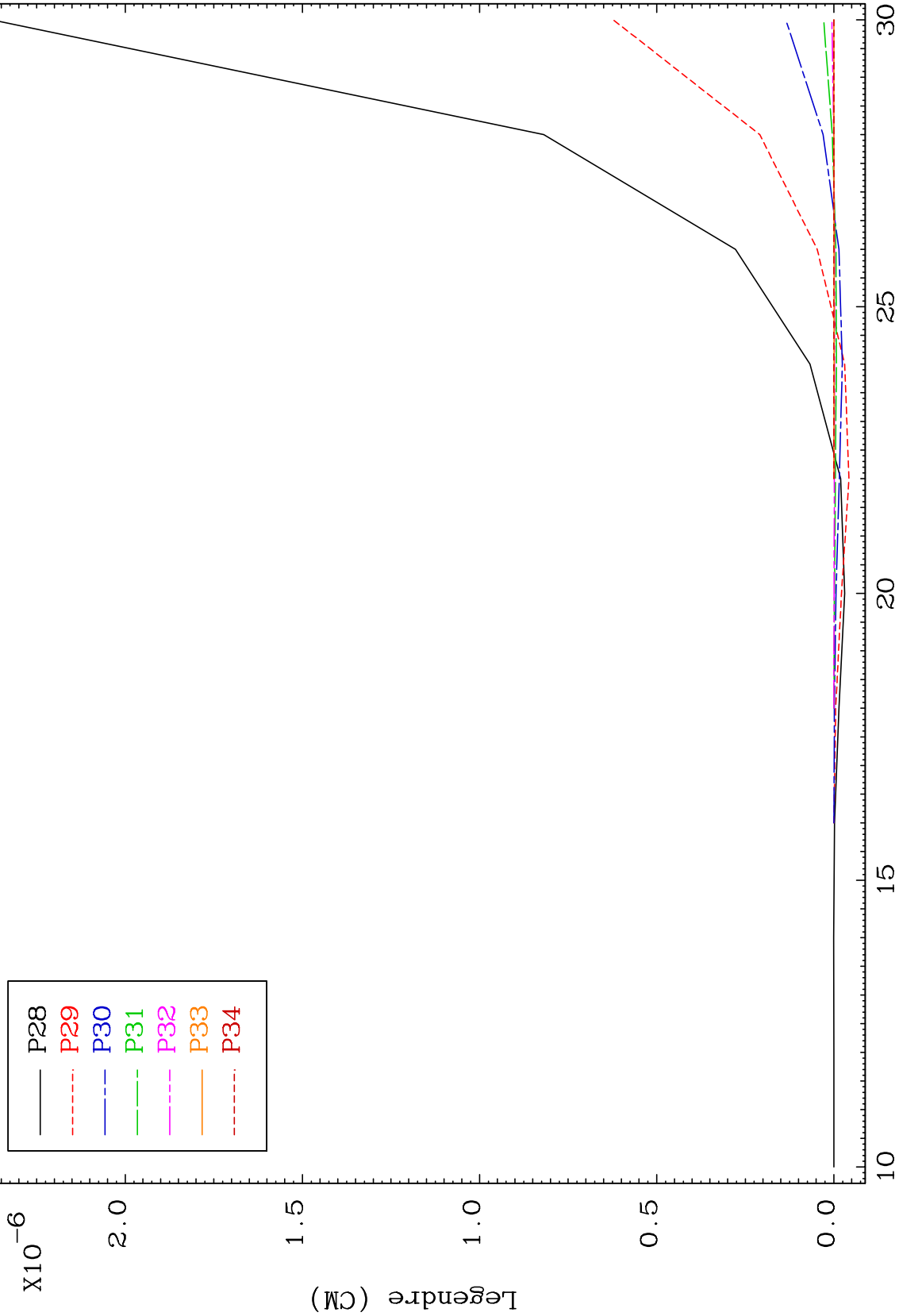
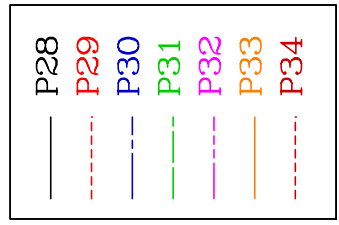
Incident Energy (MeV)

63-Eu-152

MAT 6328

Elastic Legendre Coefficients

63-Eu-152



19

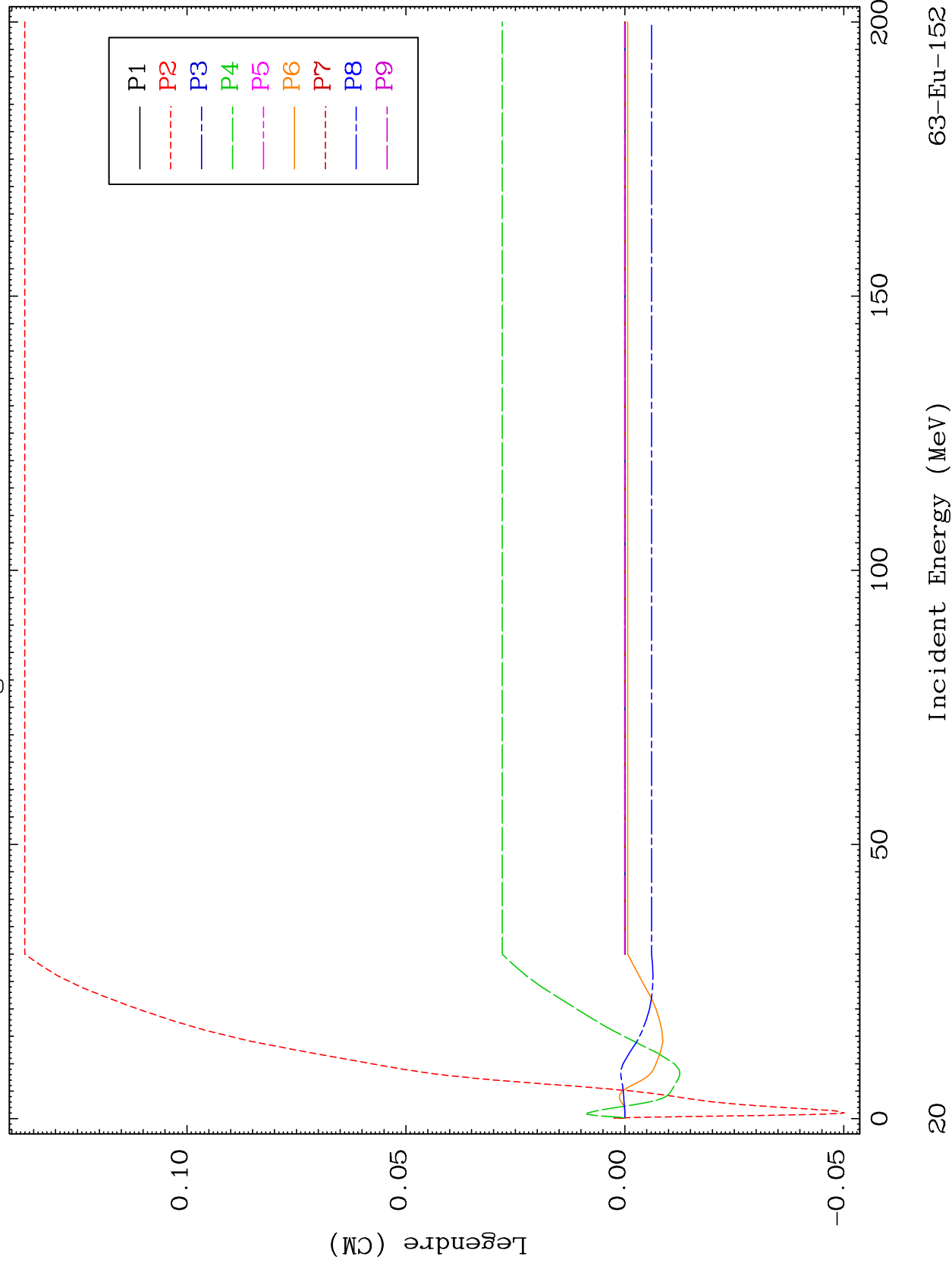
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 51 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

Incident Energy (MeV)

0

50

100

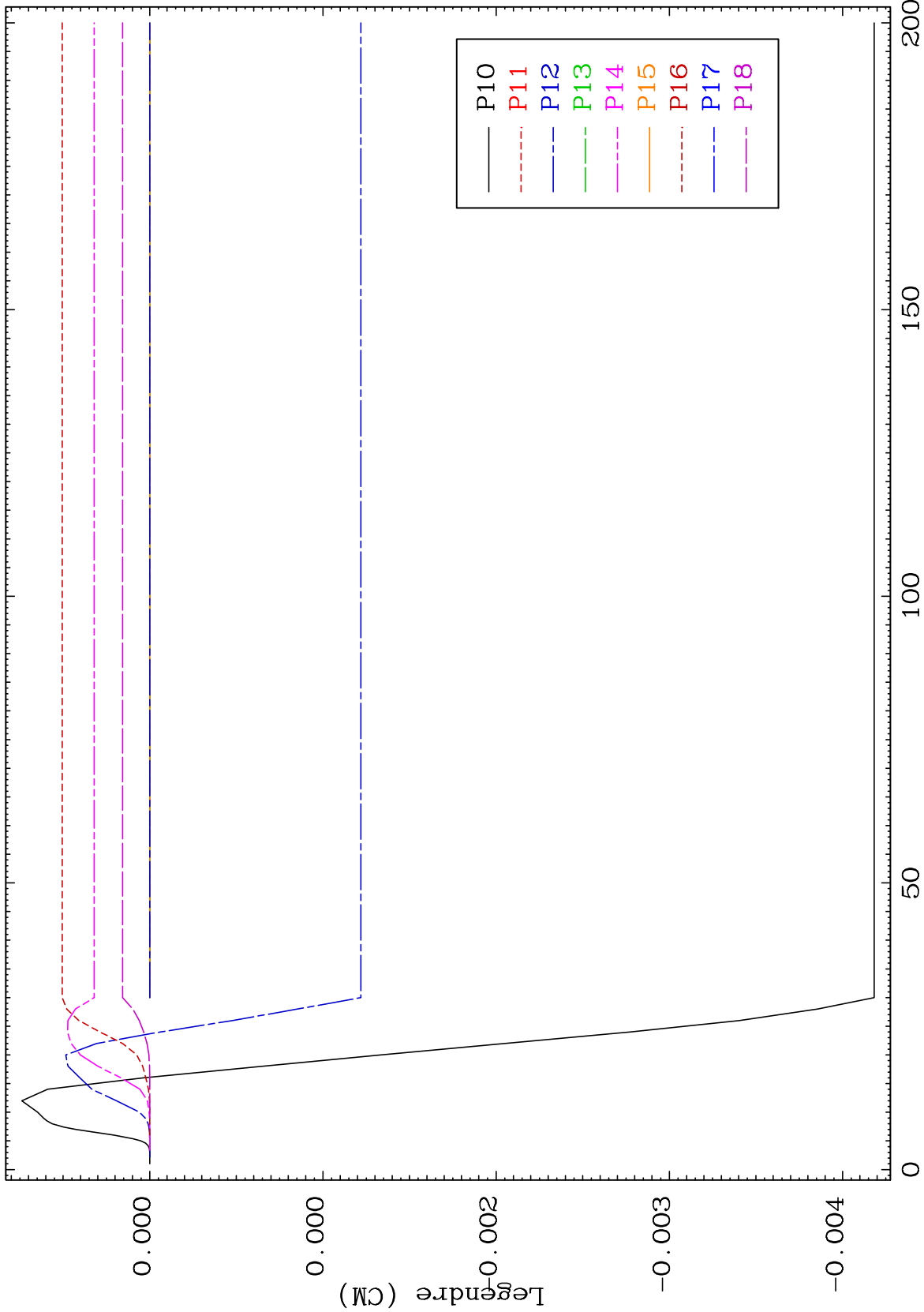
150

200

MAT 6328

MT= 51 (n,n') Level
Legendre Coefficients

63-Eu-152



21

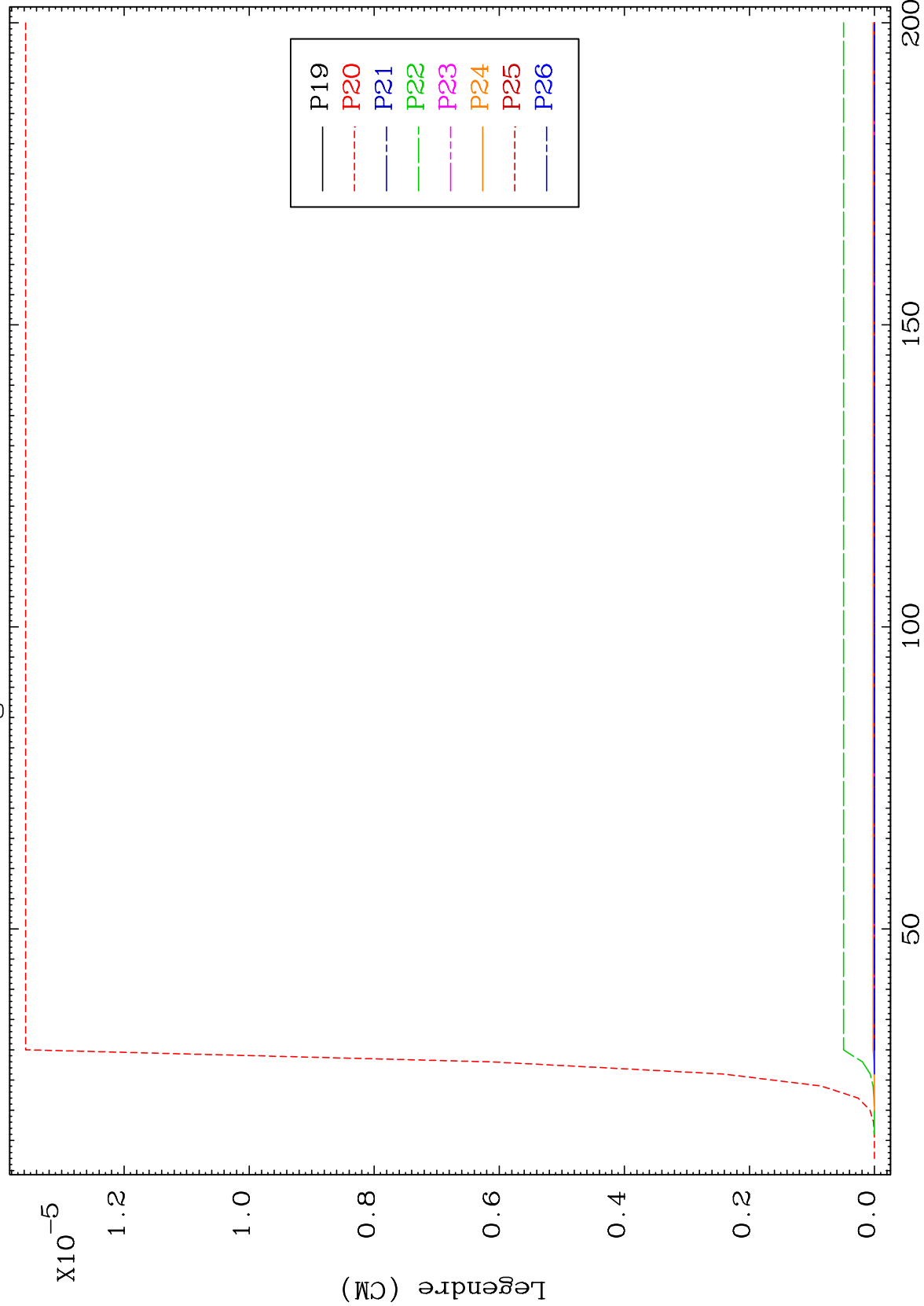
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 51 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

Incident Energy (MeV)

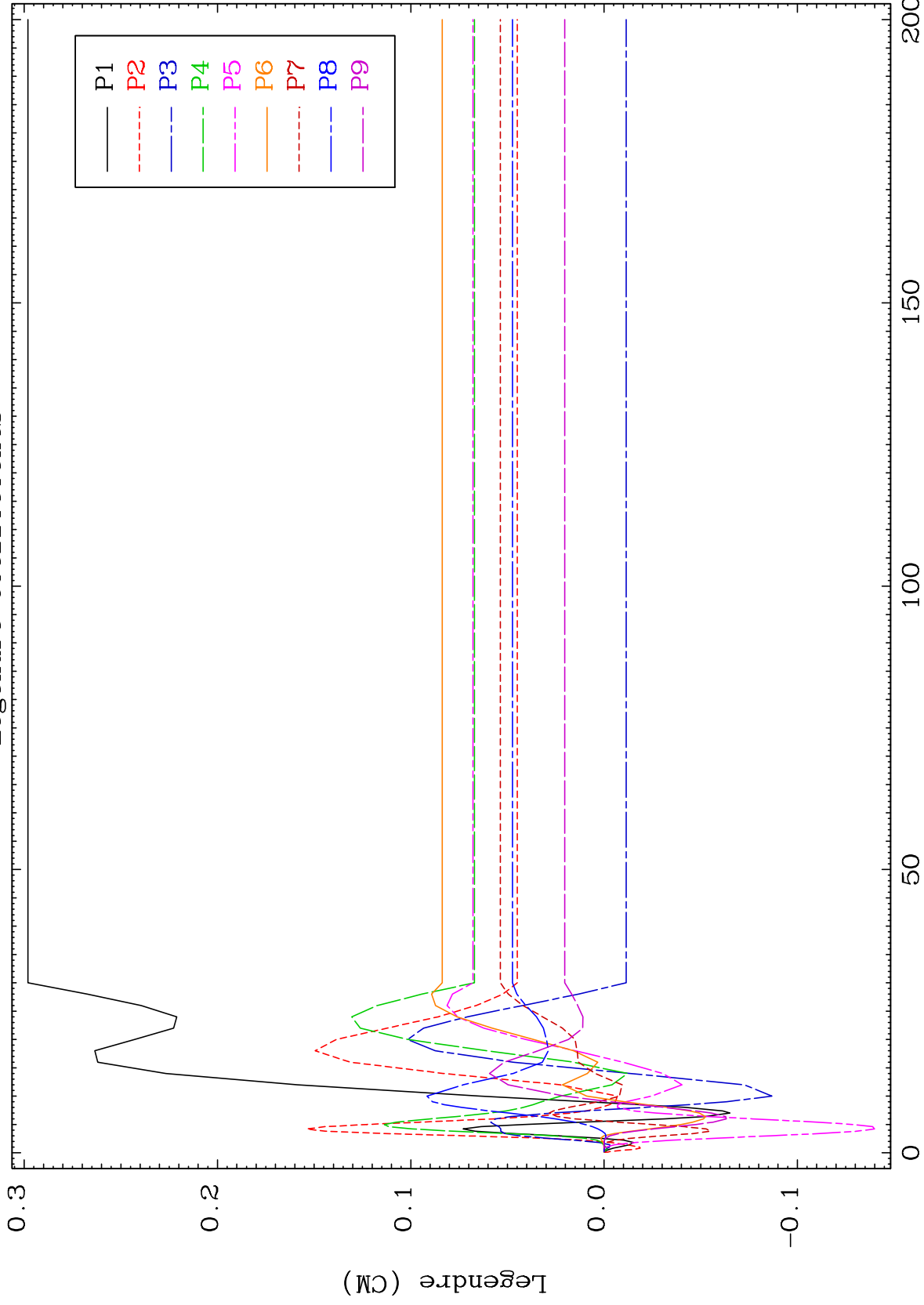
22

MAT 6328

MT= 52 (n,n') Level

63-Eu-152

Legendre Coefficients



23

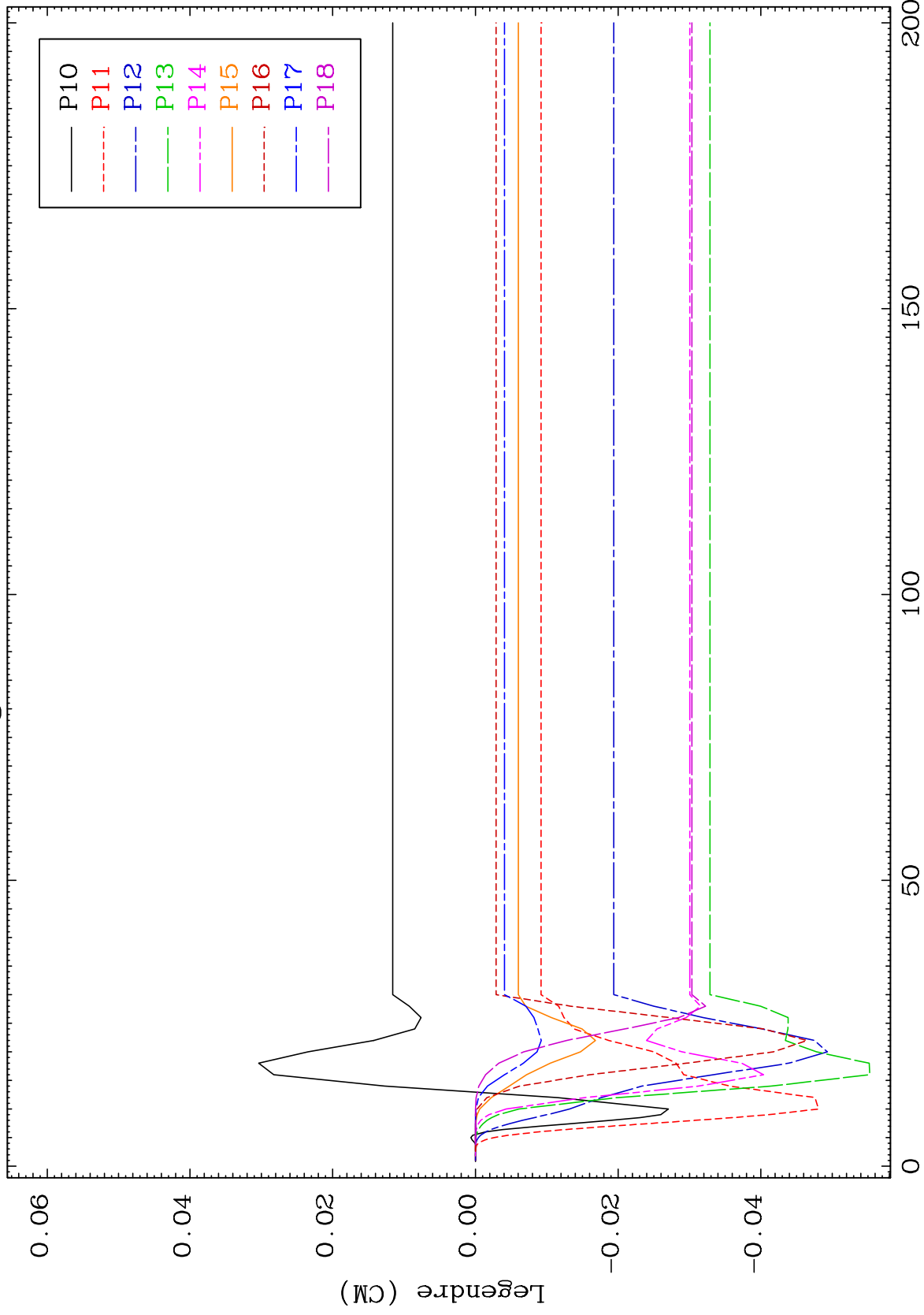
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 52 (n,n') Level
Legendre Coefficients

63-Eu-152



24

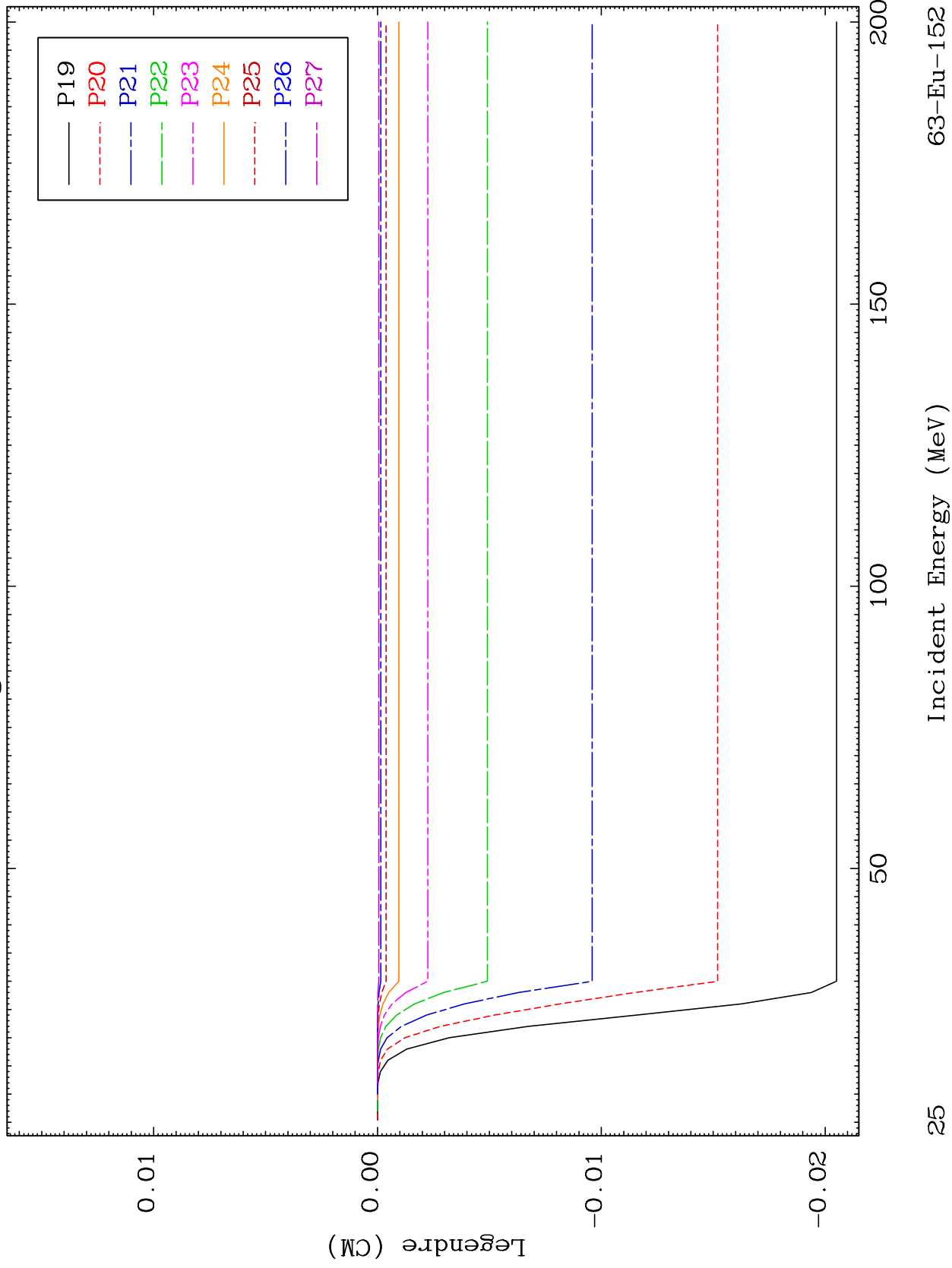
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 52 (n,n') Level
Legendre Coefficients

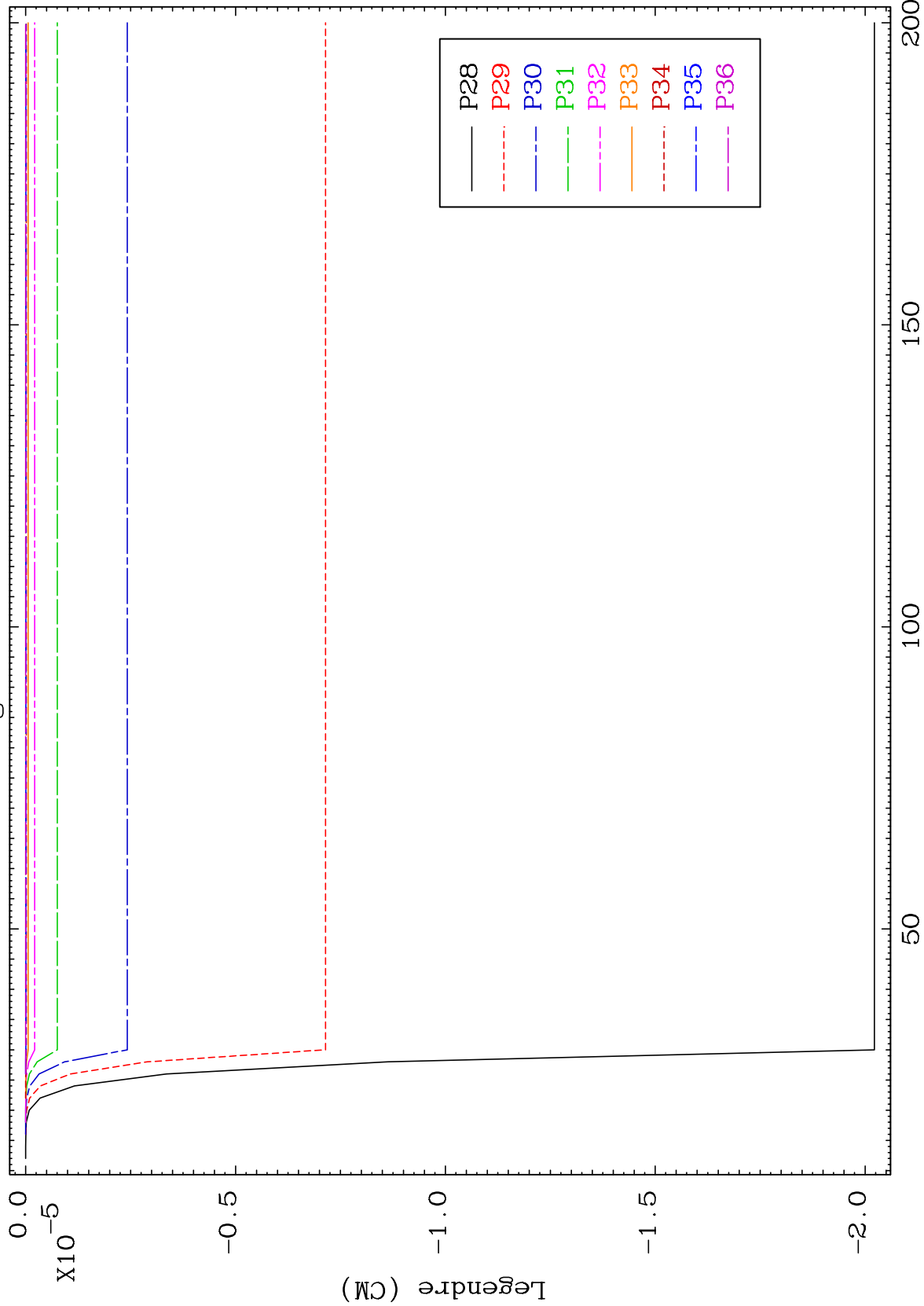
63-Eu-152



63-Eu-152

Incident Energy (MeV)

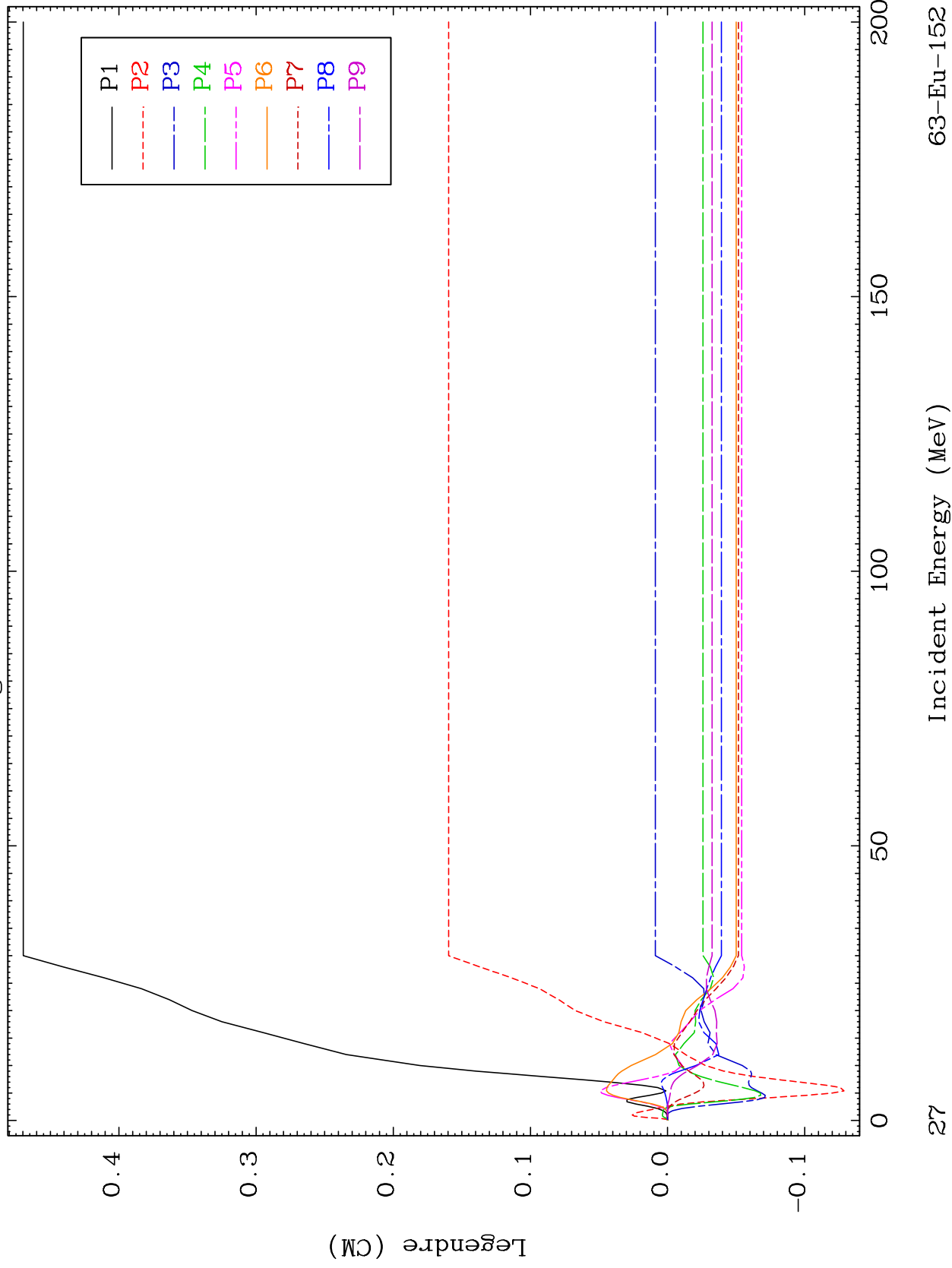
25



MAT 6328

MT= 53 (n,n') Level
Legendre Coefficients

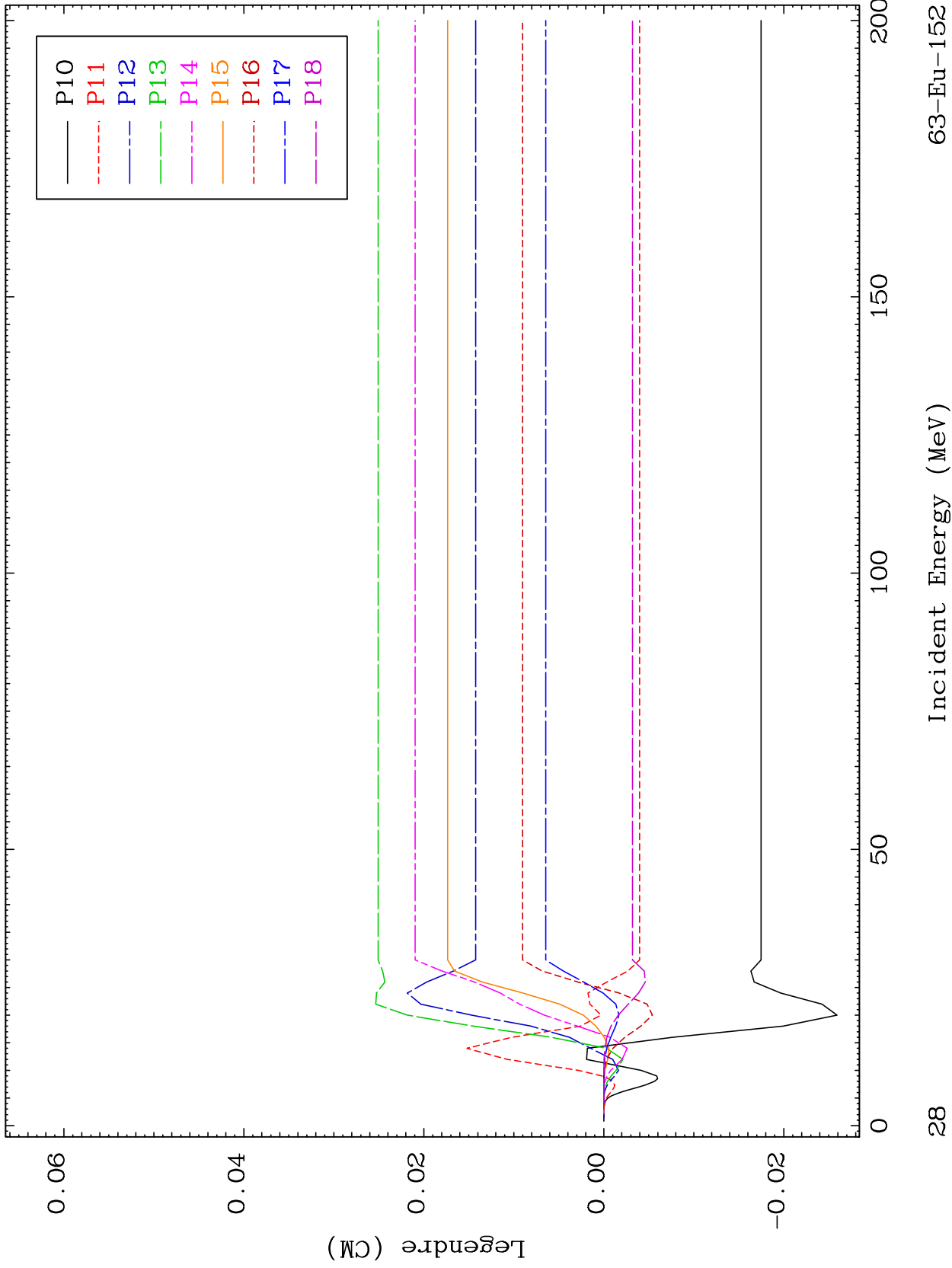
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MAT 6328

MT= 53 (n,n') Level
Legendre Coefficients

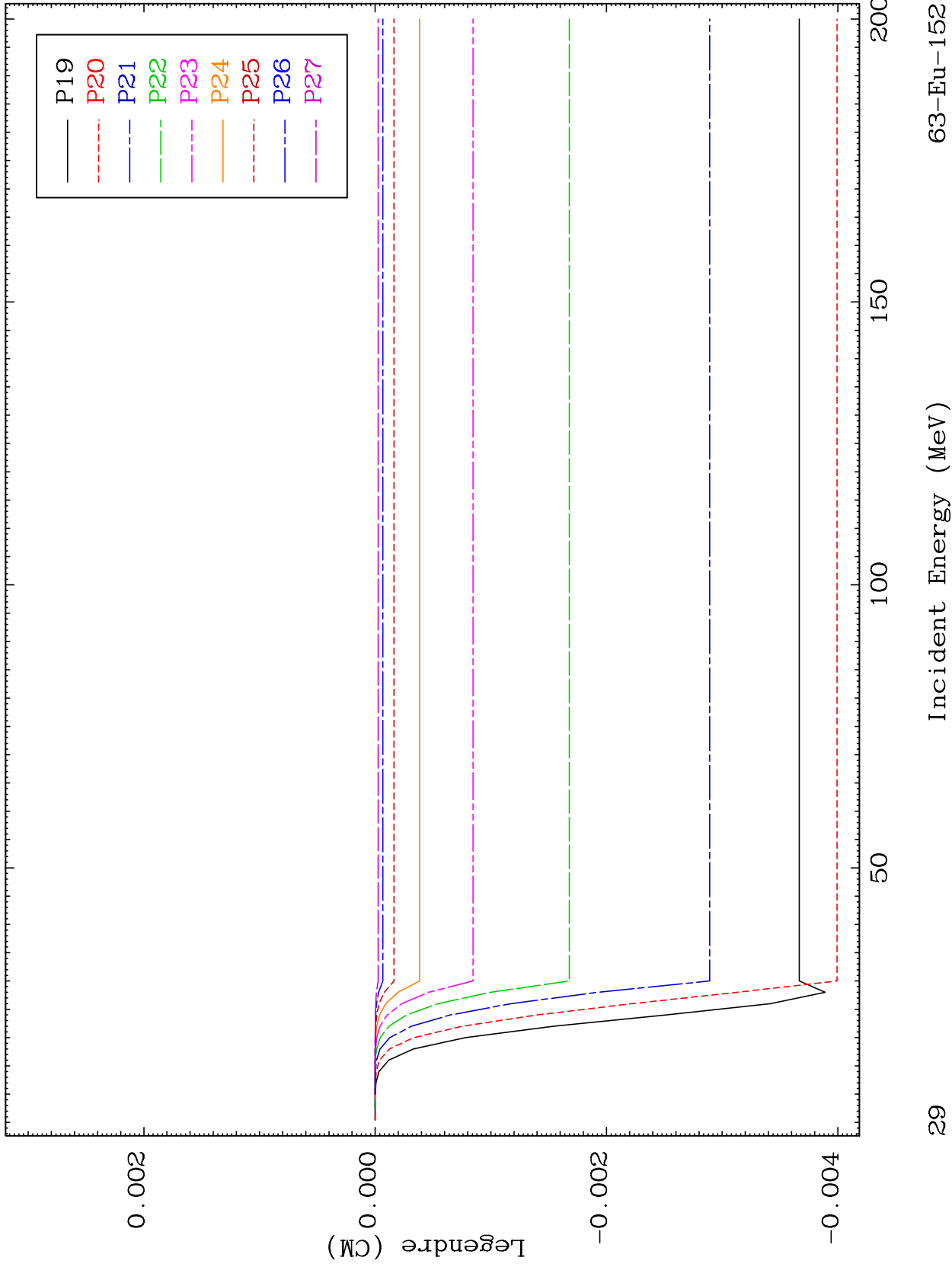
63-Eu-152



MAT 6328

MT= 53 (n,n') Level
Legendre Coefficients

63-Eu-152



29

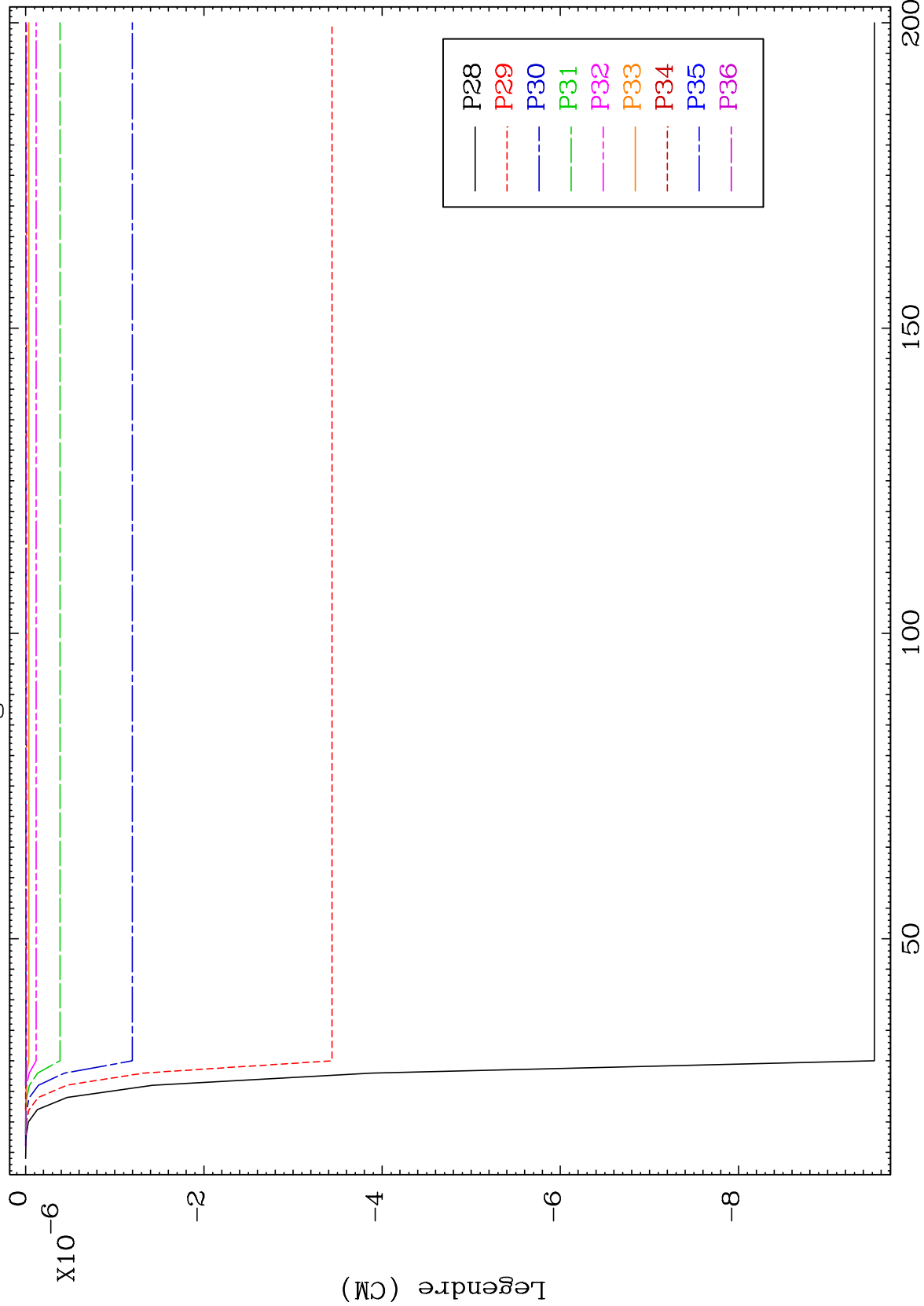
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 53 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

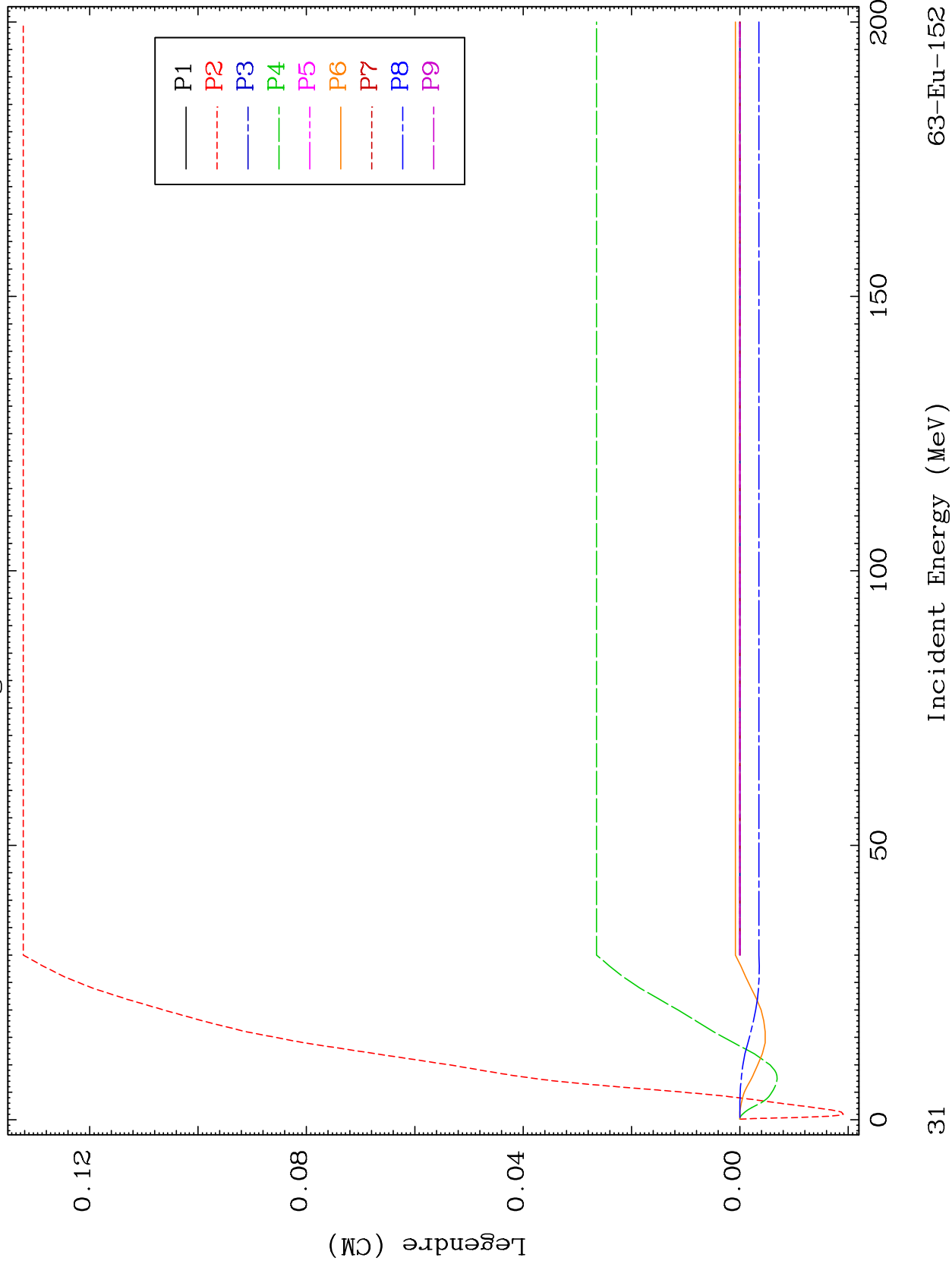
Incident Energy (MeV)

30

MAT 6328

MT= 54 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

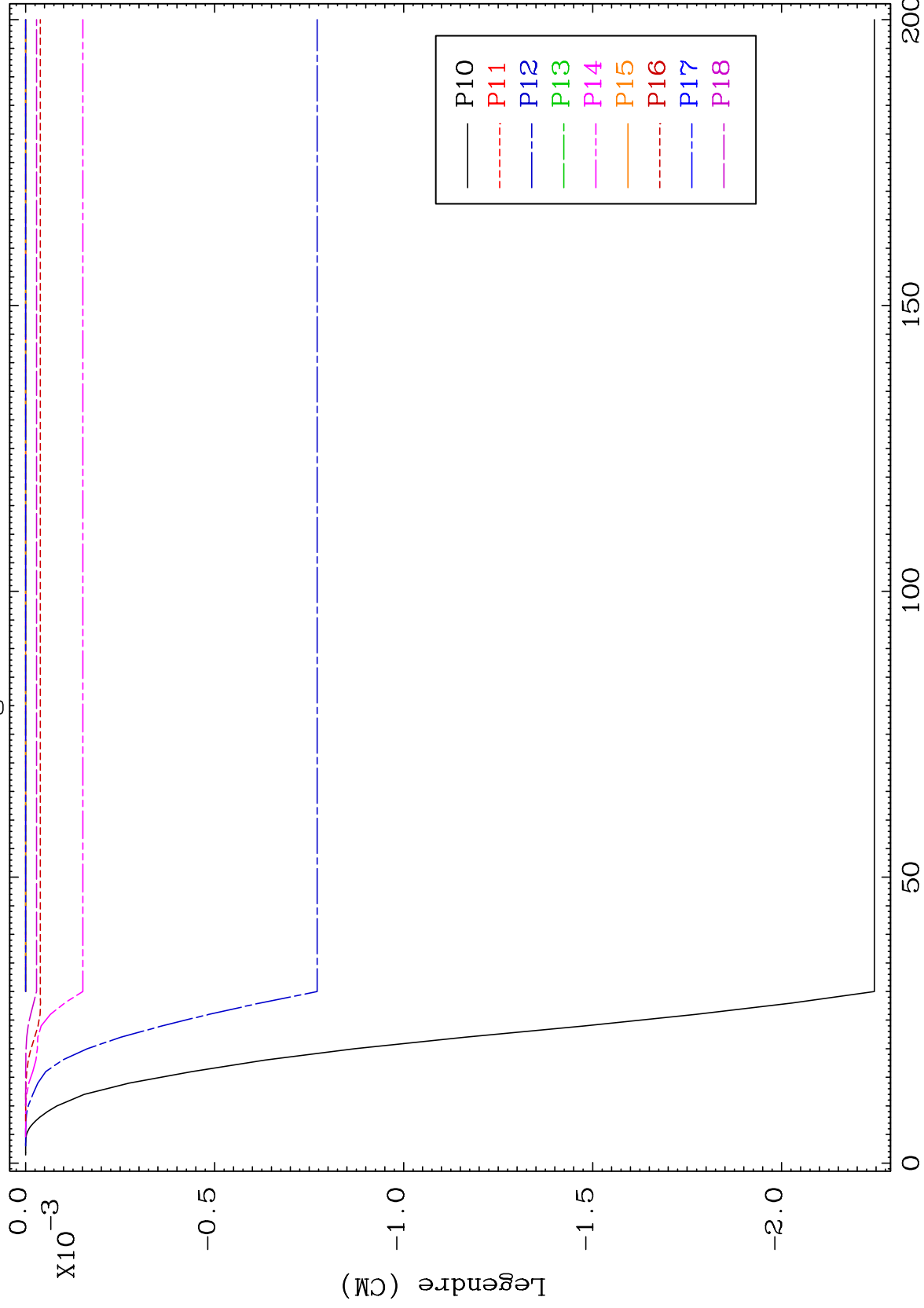
Incident Energy (MeV)

31

MAT 6328

MT= 54 (n,n') Level
Legendre Coefficients

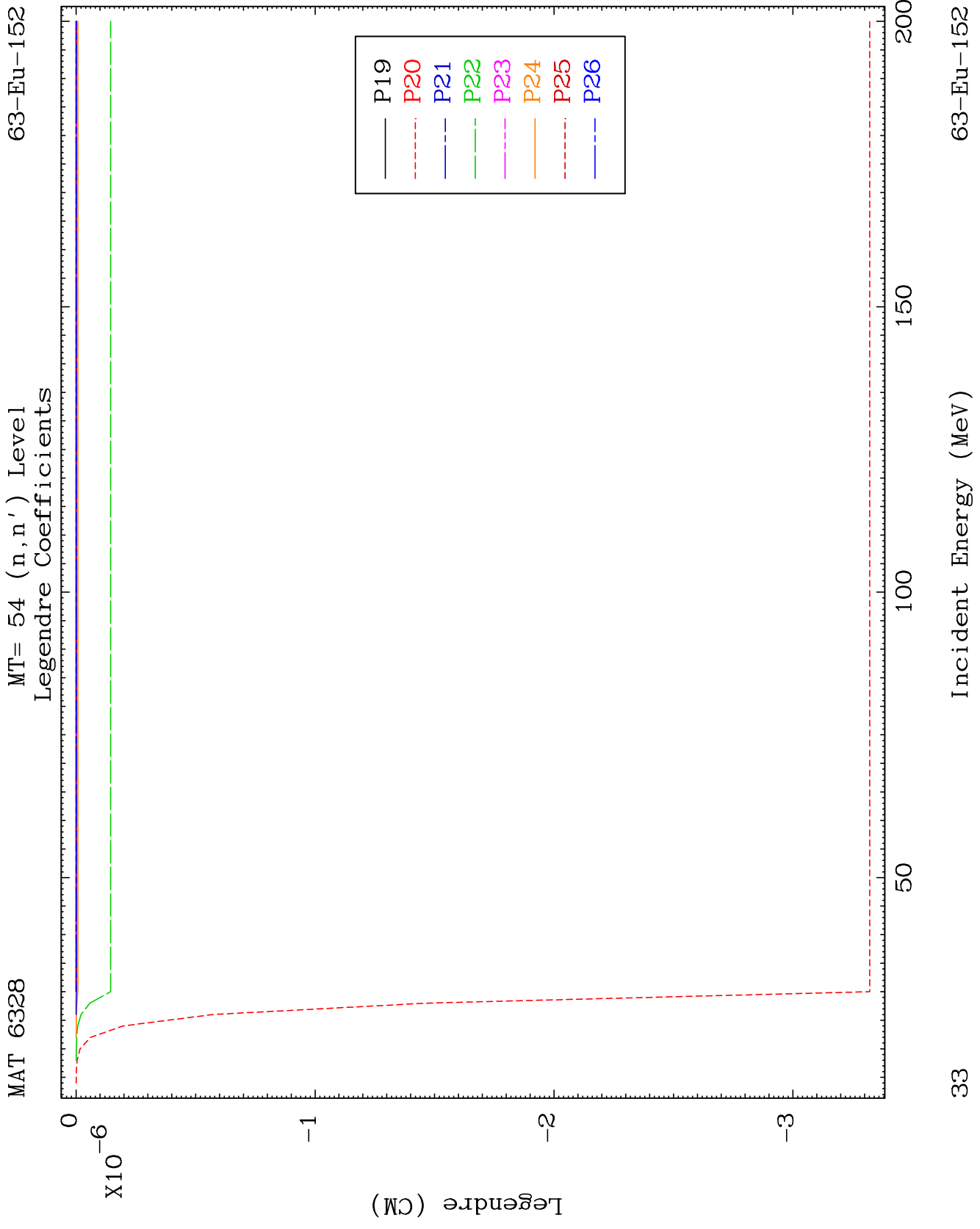
63-Eu-152



32

Incident Energy (MeV)

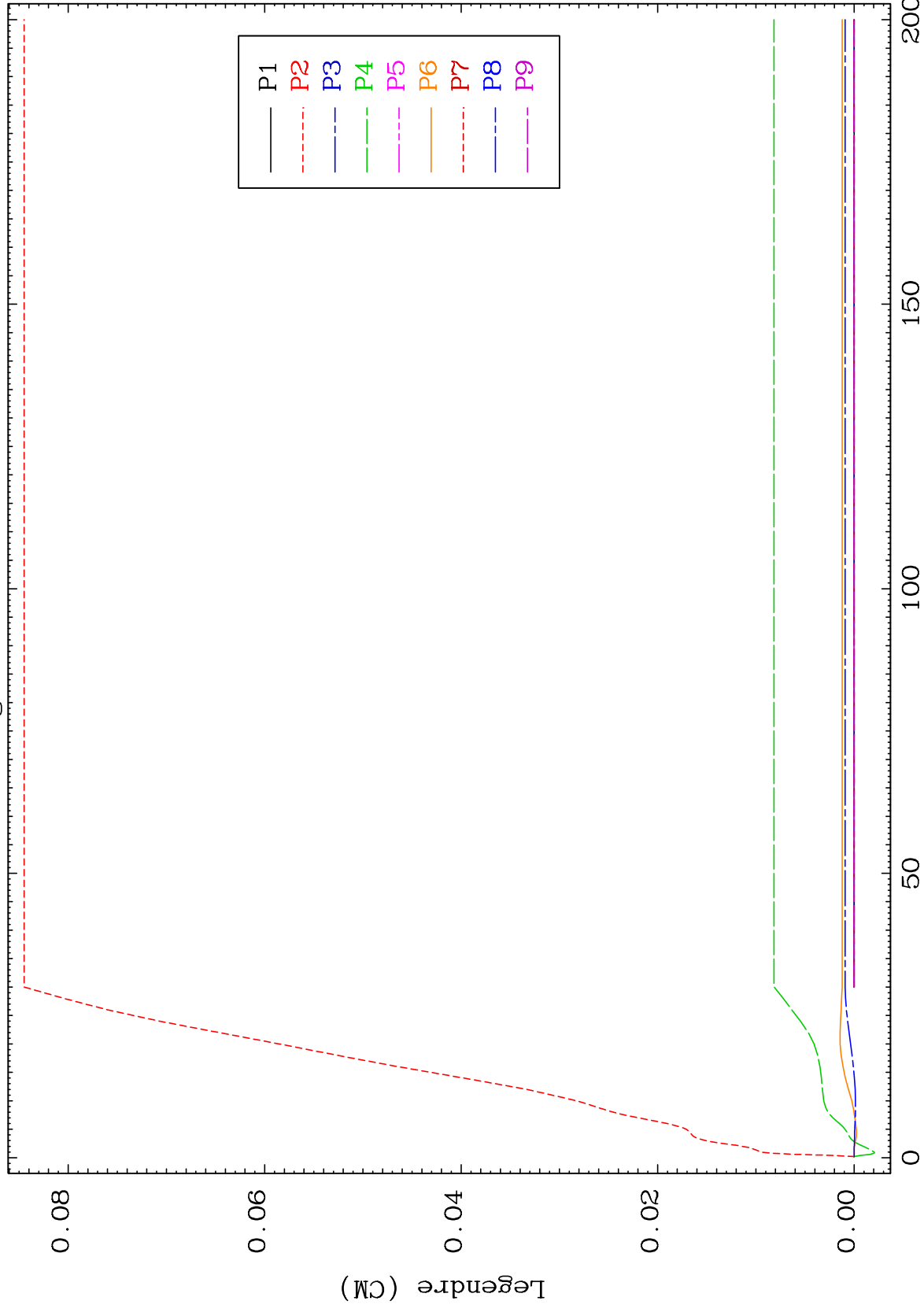
63-Eu-152



MAT 6328

MT= 55 (n,n') Level
Legendre Coefficients

63-Eu-152



34

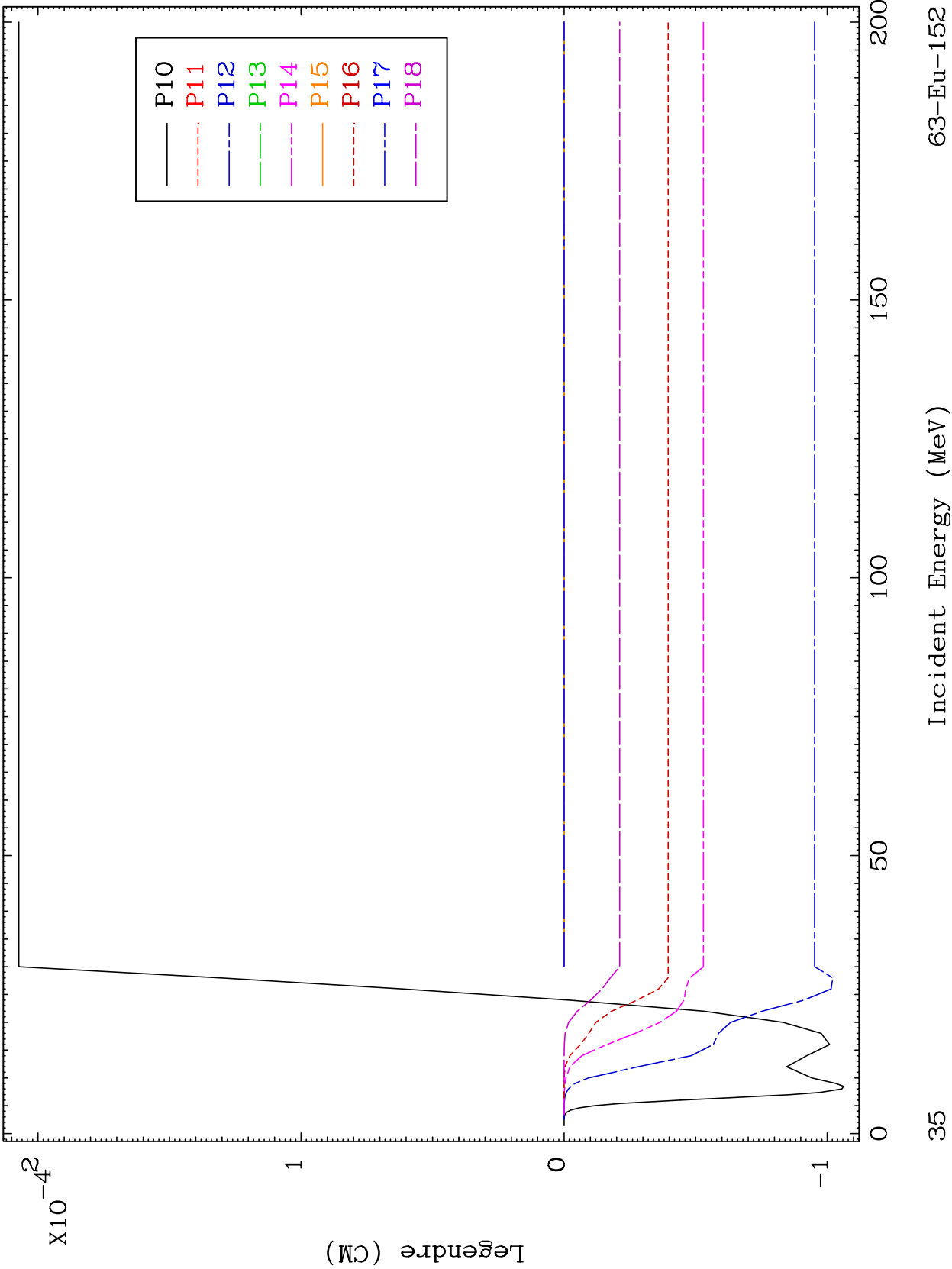
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 55 (n,n') Level
Legendre Coefficients

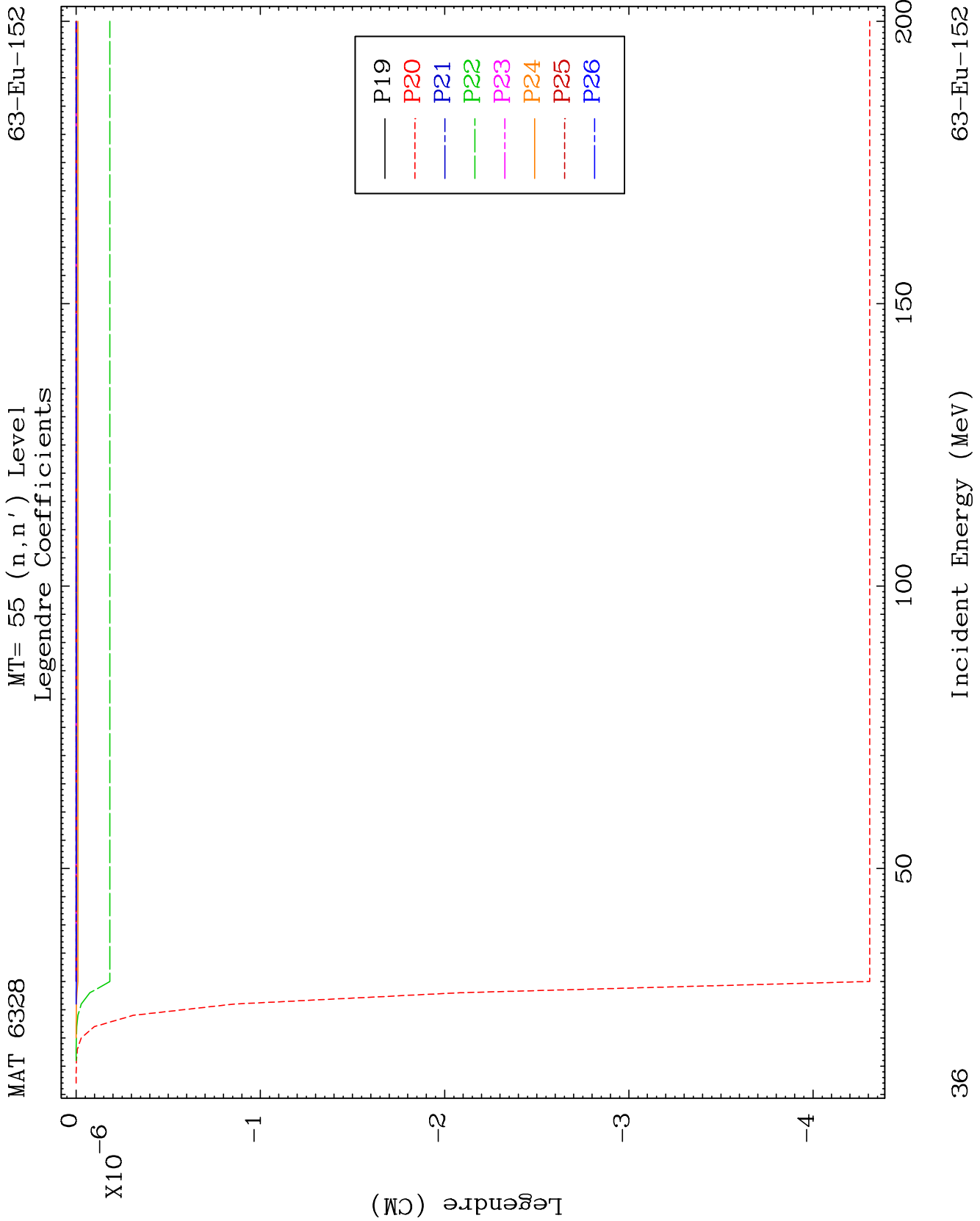
63-Eu-152



63-Eu-152

Incident Energy (MeV)

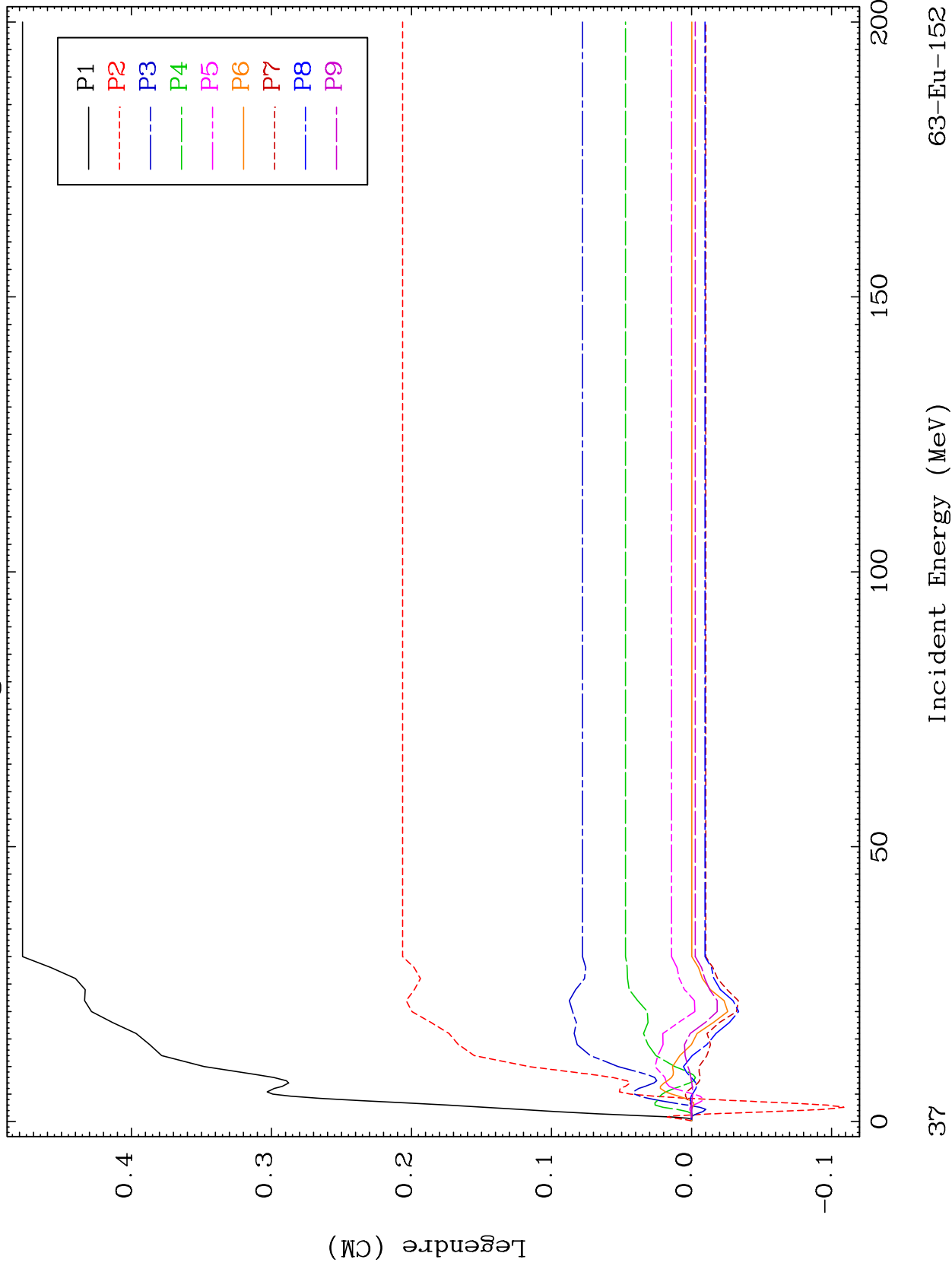
35



MAT 6328

MT= 56 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

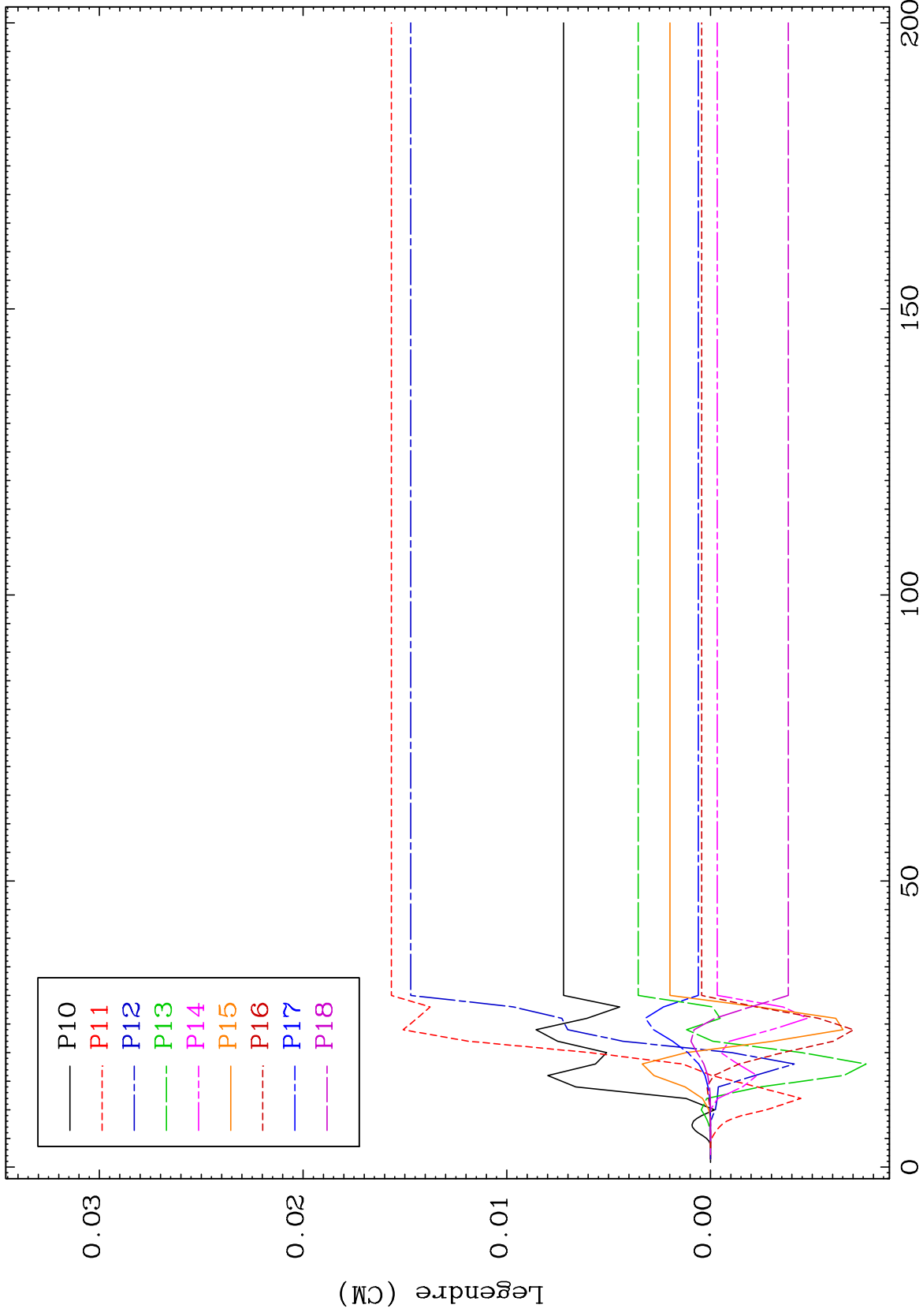
Incident Energy (MeV)

37

MAT 6328

MT= 56 (n,n') Level
Legendre Coefficients

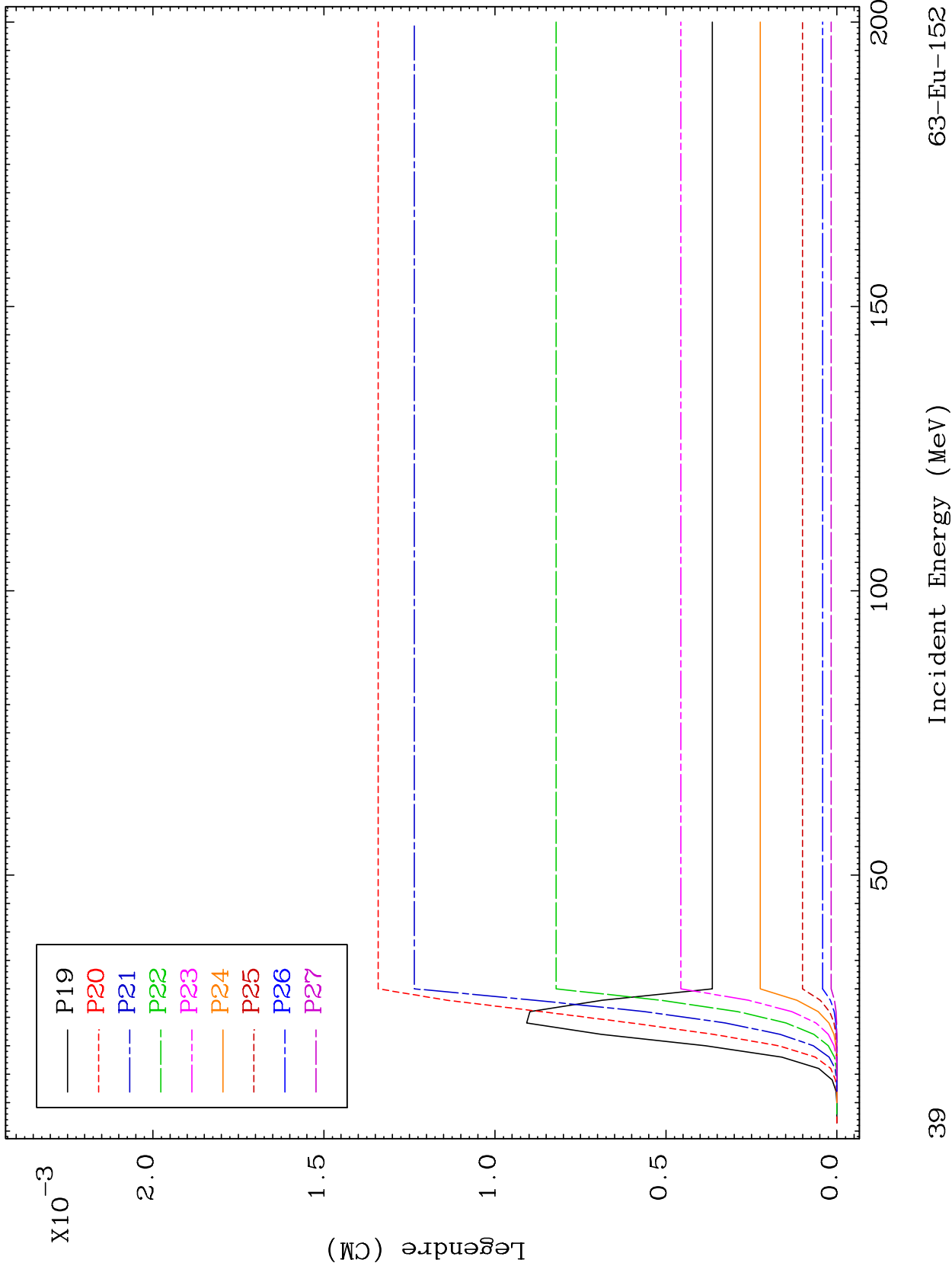
63-Eu-152



38

Incident Energy (MeV)

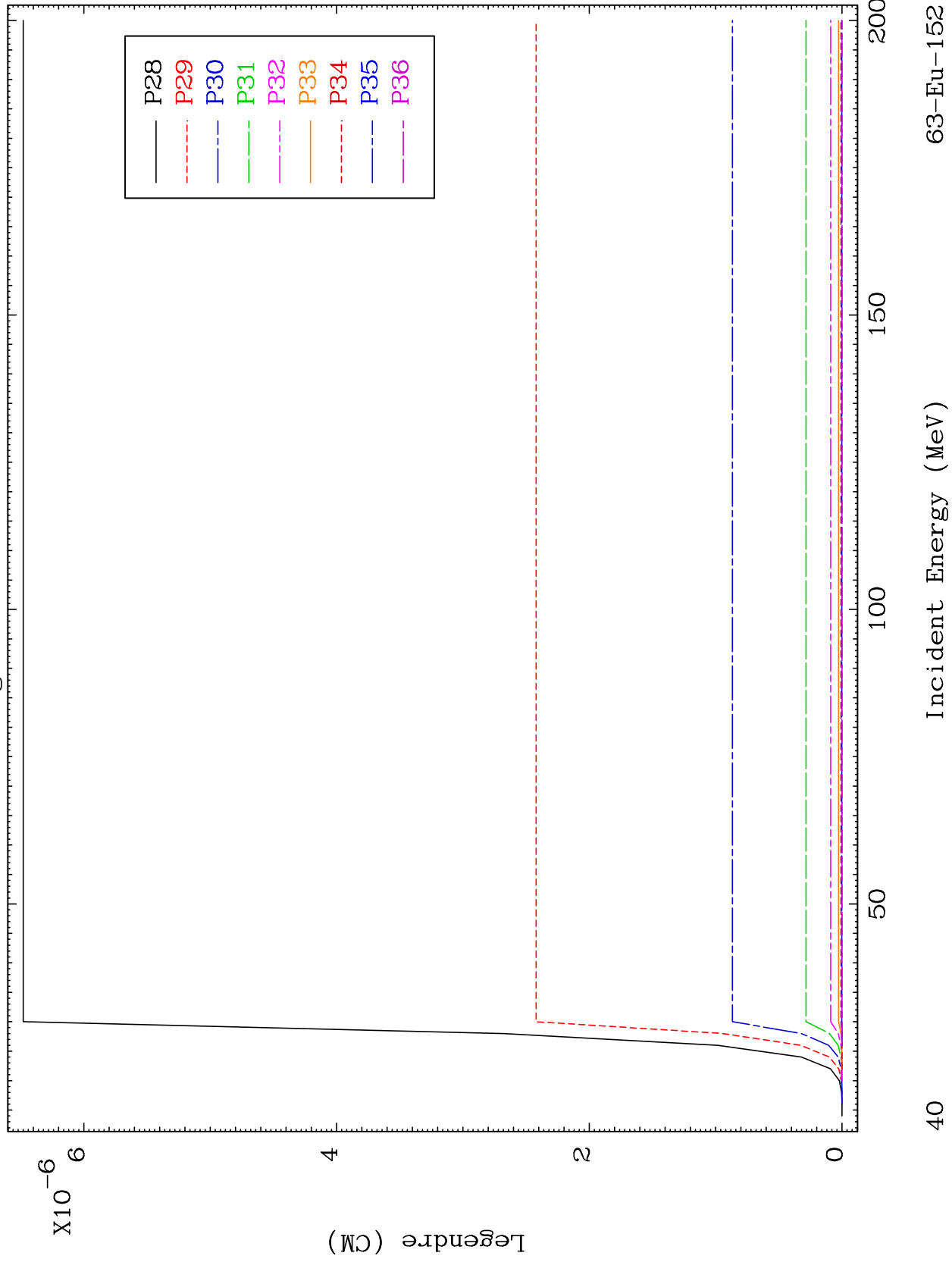
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MAT 6328

MT= 56 (n,n') Level
Legendre Coefficients

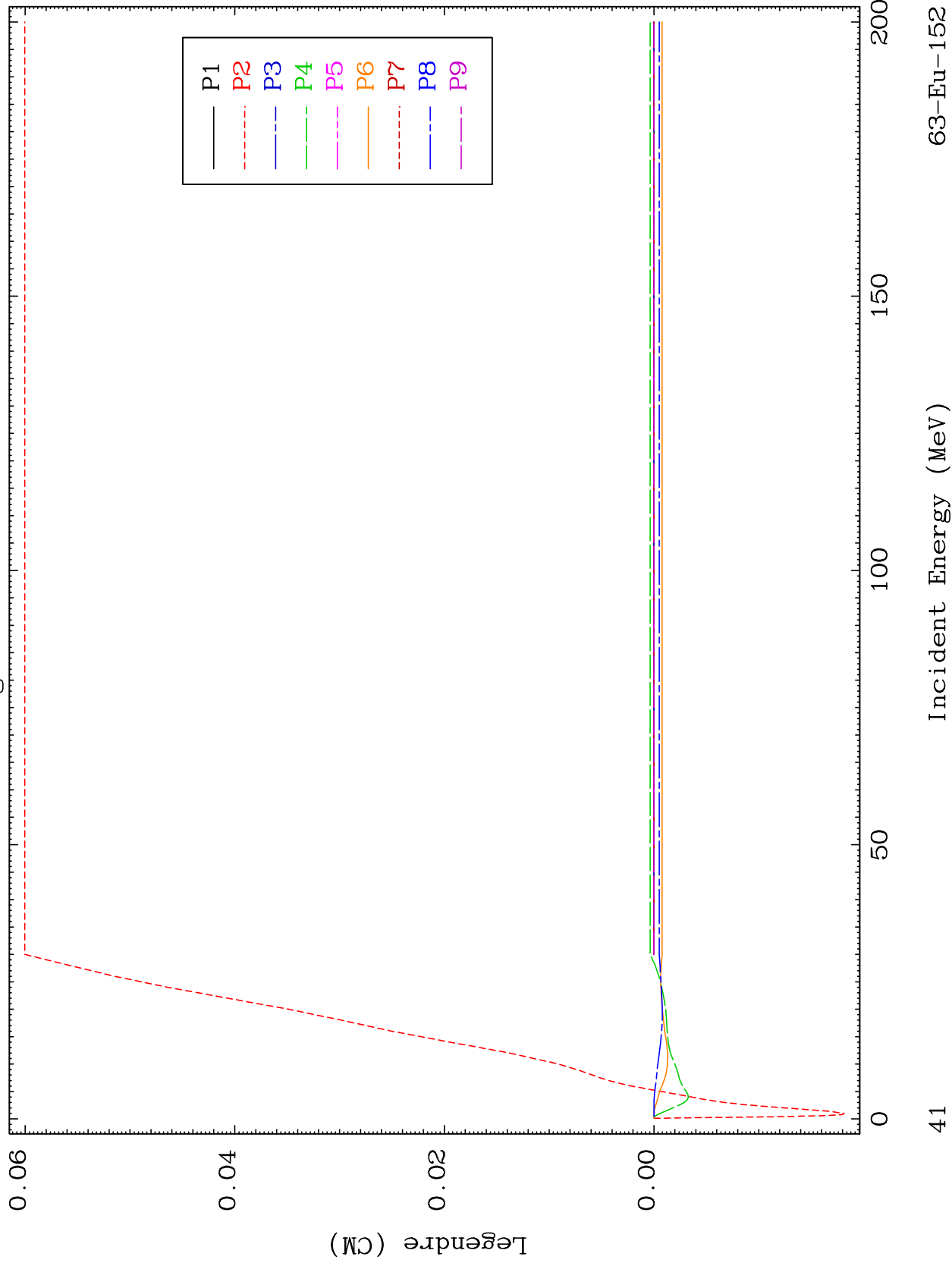
63-Eu-152



MAT 6328

MT= 57 (n,n') Level
Legendre Coefficients

63-Eu-152



41

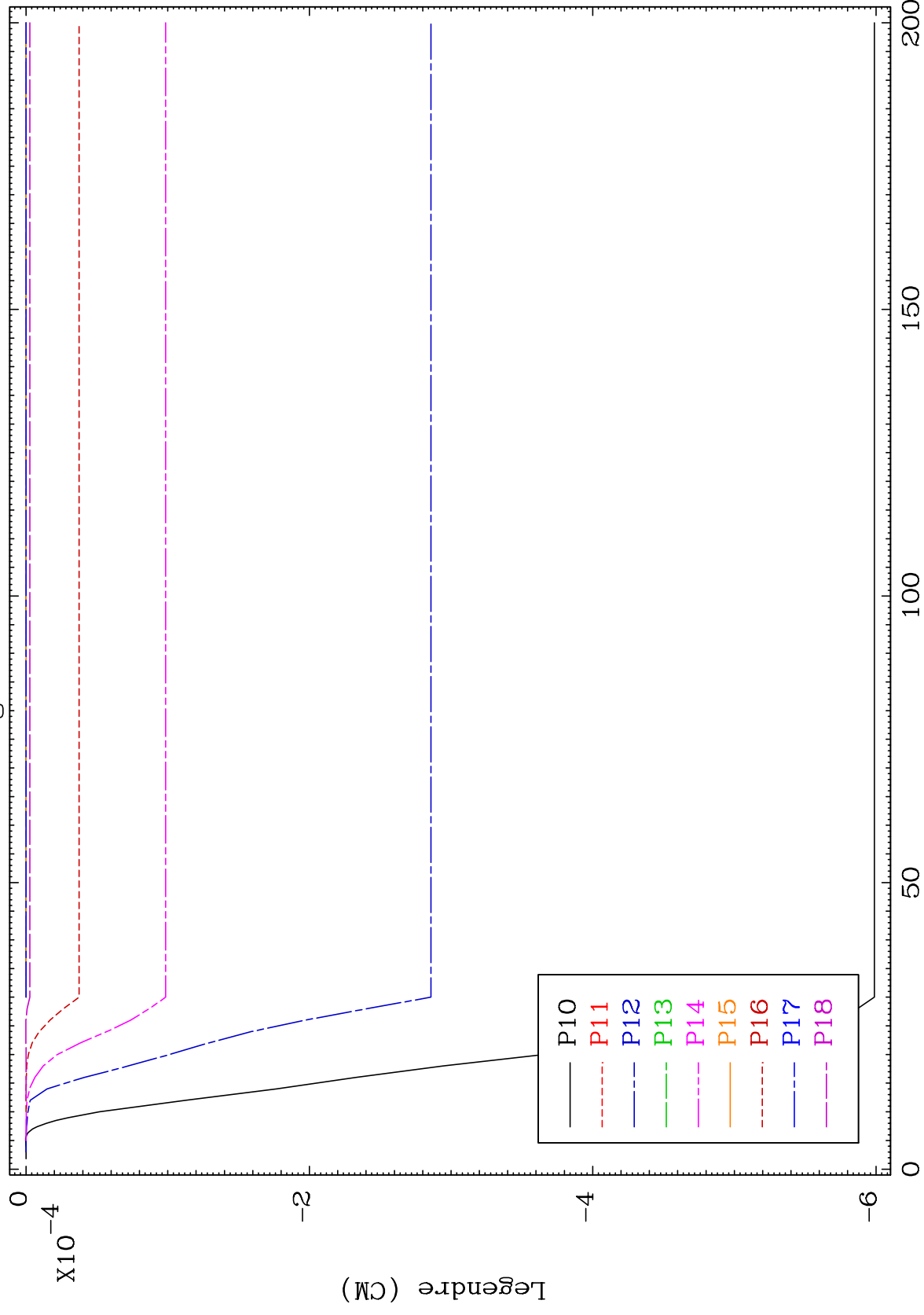
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 57 (n,n') Level
Legendre Coefficients

63-Eu-152



42

Incident Energy (MeV)

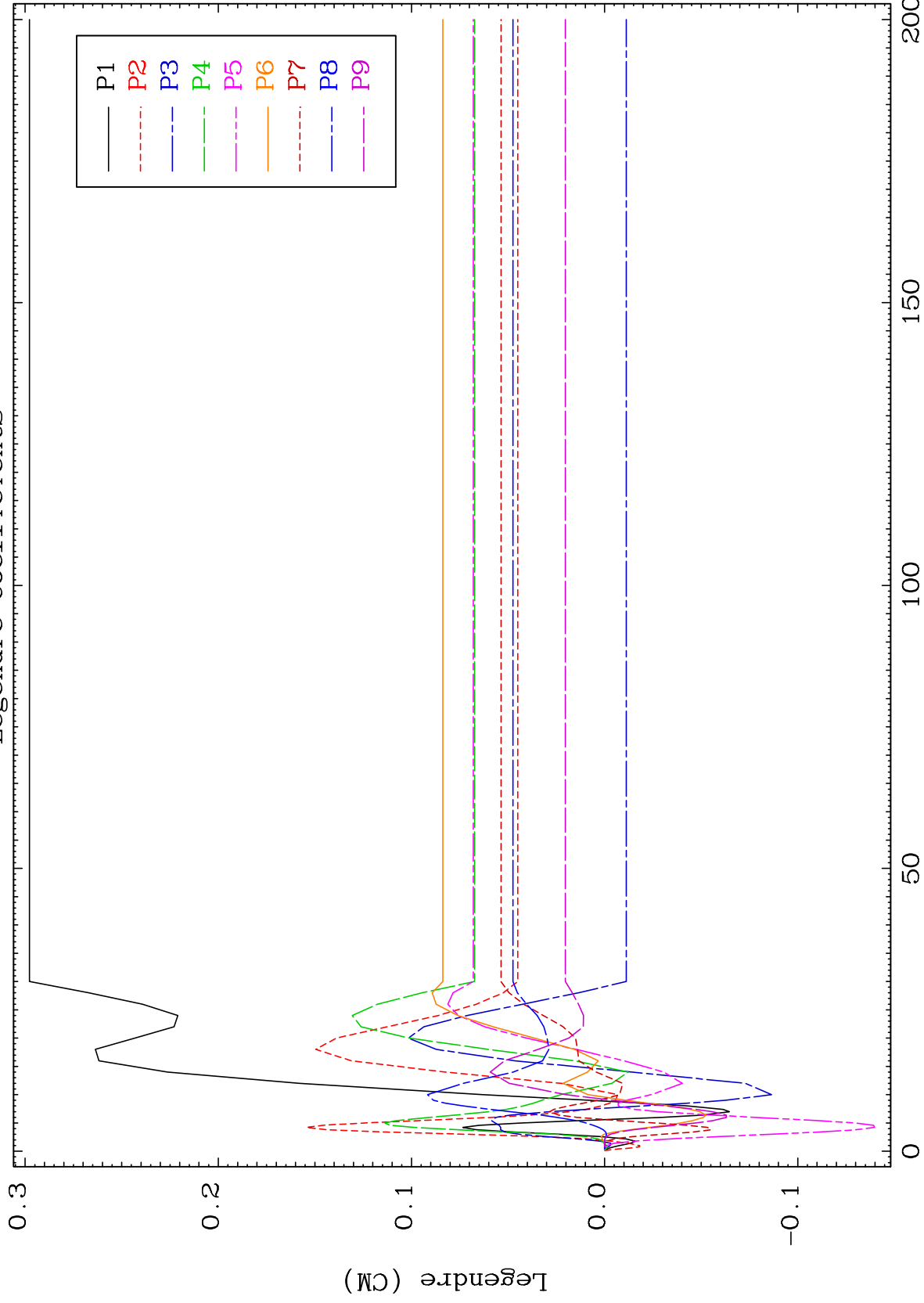
63-Eu-152

MAT 6328

MT= 58 (n,n') Level

63-Eu-152

Legendre Coefficients



44

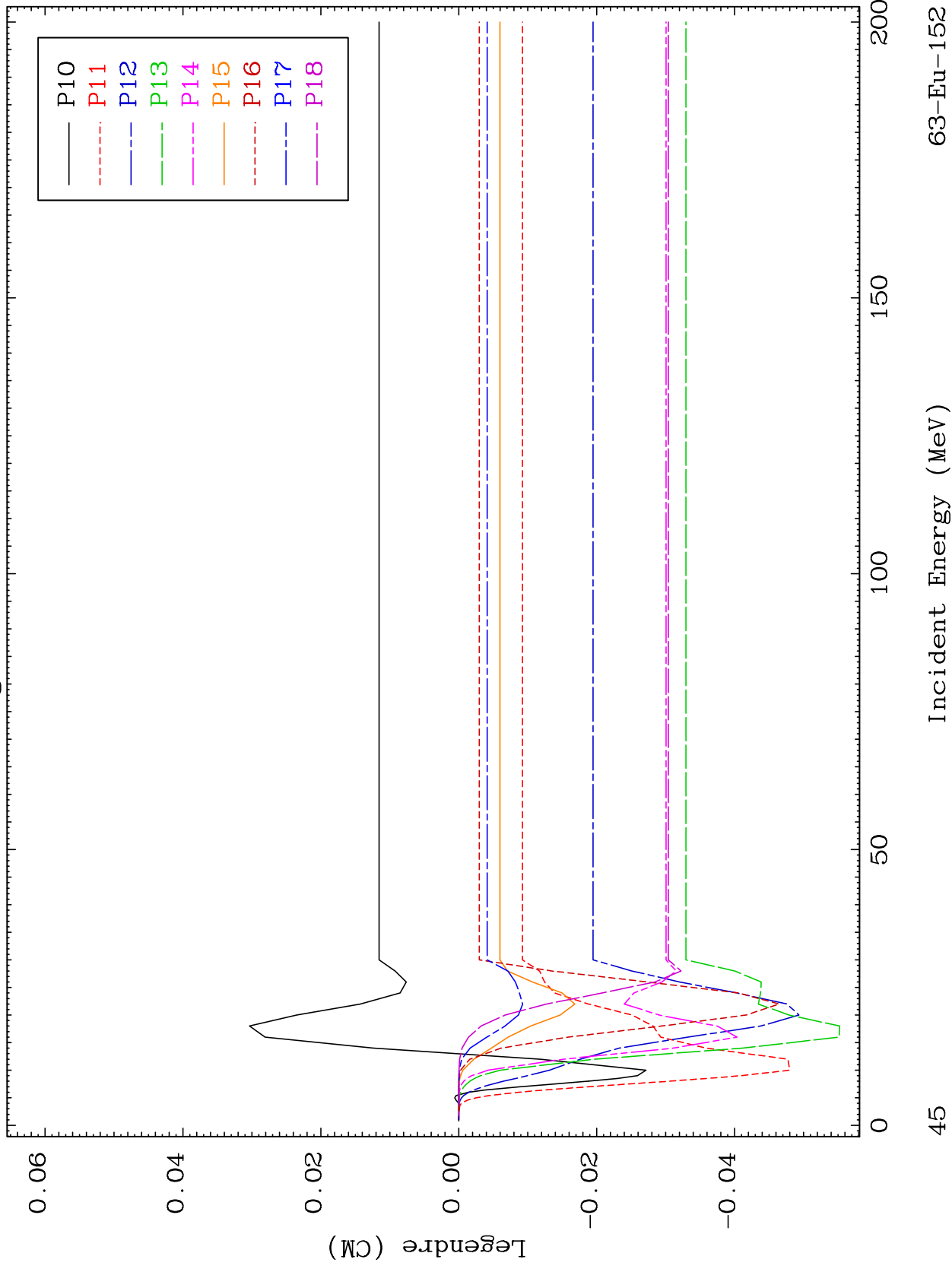
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 58 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

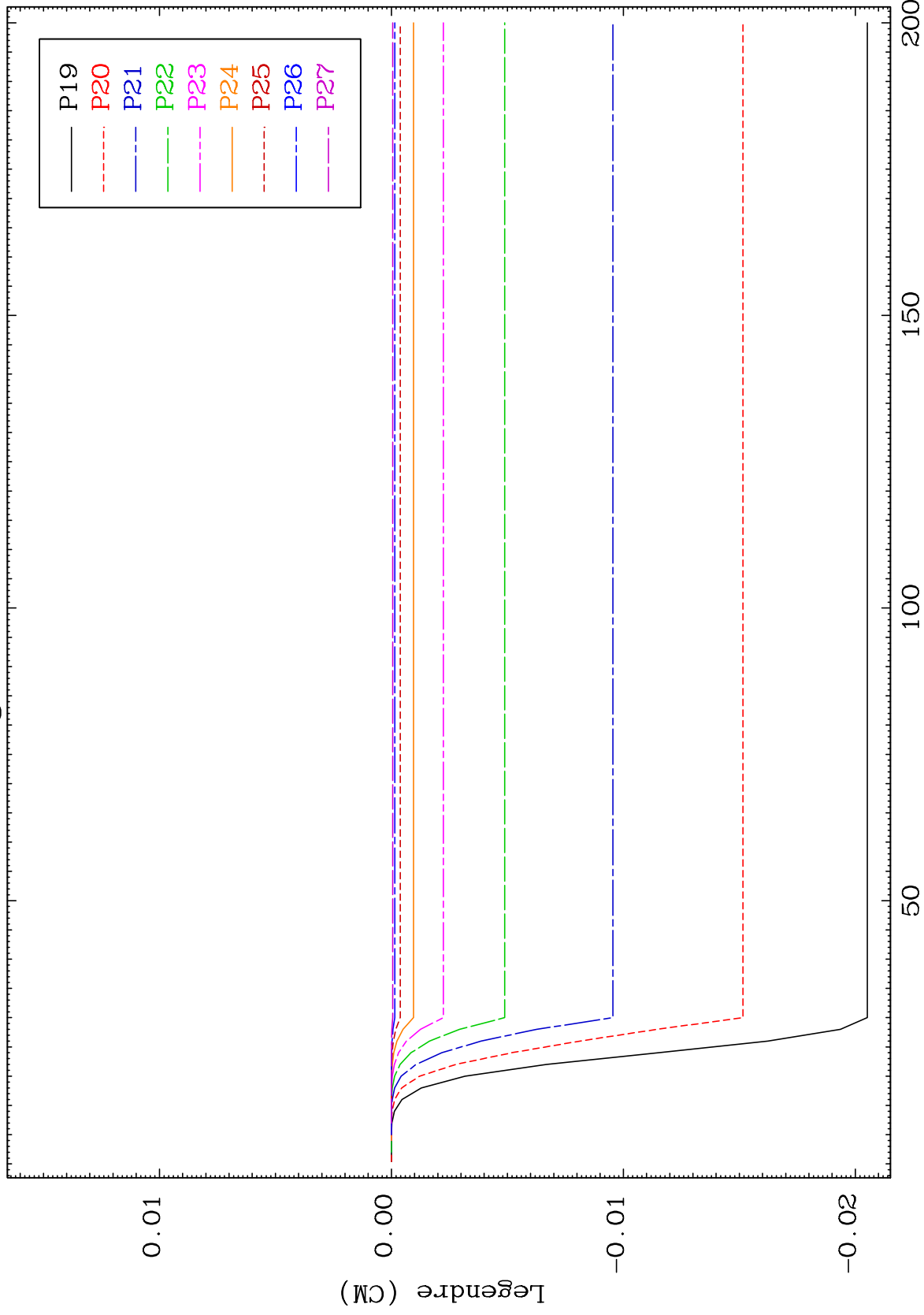
Incident Energy (MeV)

45

MAT 6328

MT= 58 (n,n') Level
Legendre Coefficients

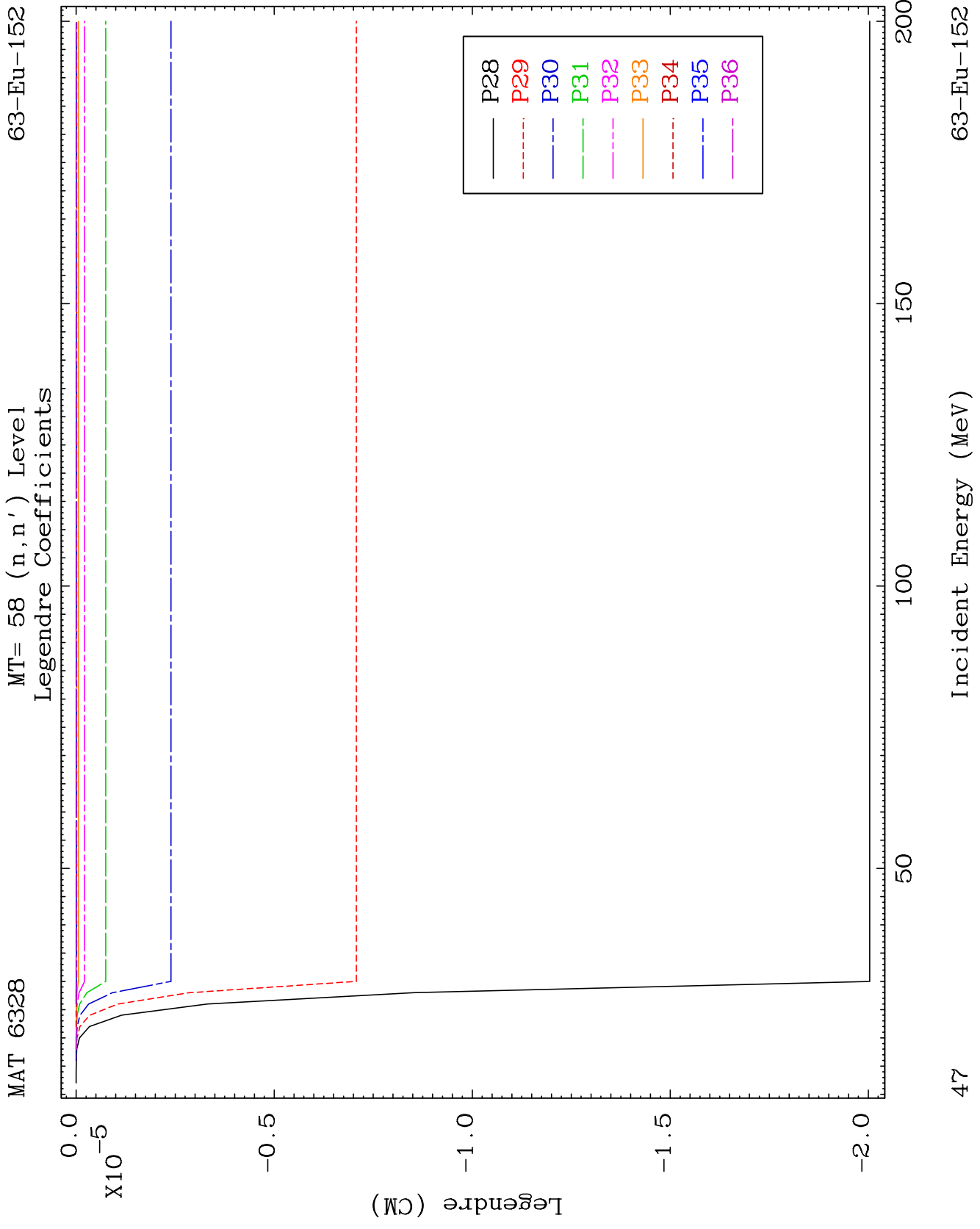
63-Eu-152



46

Incident Energy (MeV)

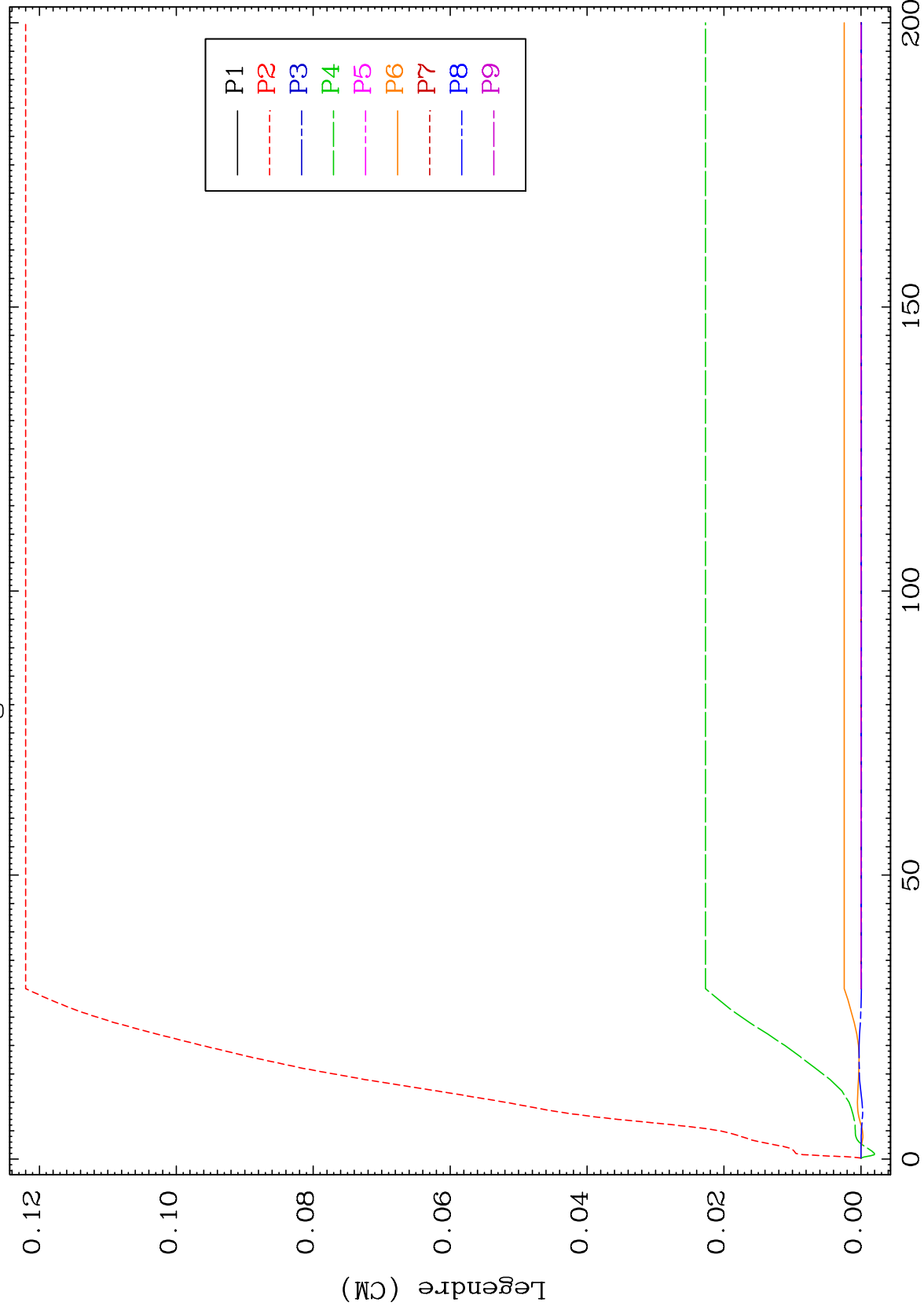
63-Eu-152



MAT 6328

MT= 59 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

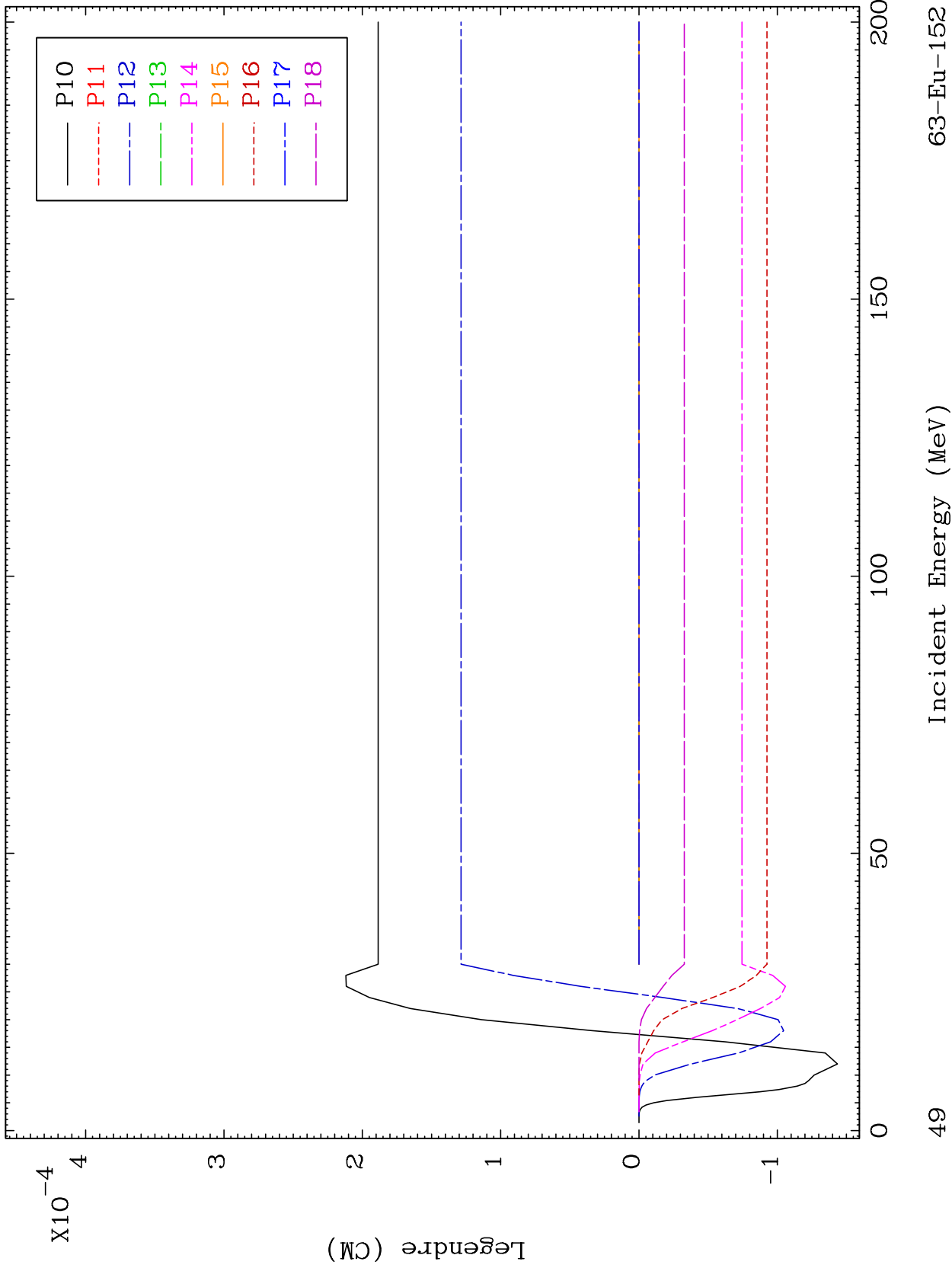
Incident Energy (MeV)

48

MAT 6328

MT= 59 (n,n') Level
Legendre Coefficients

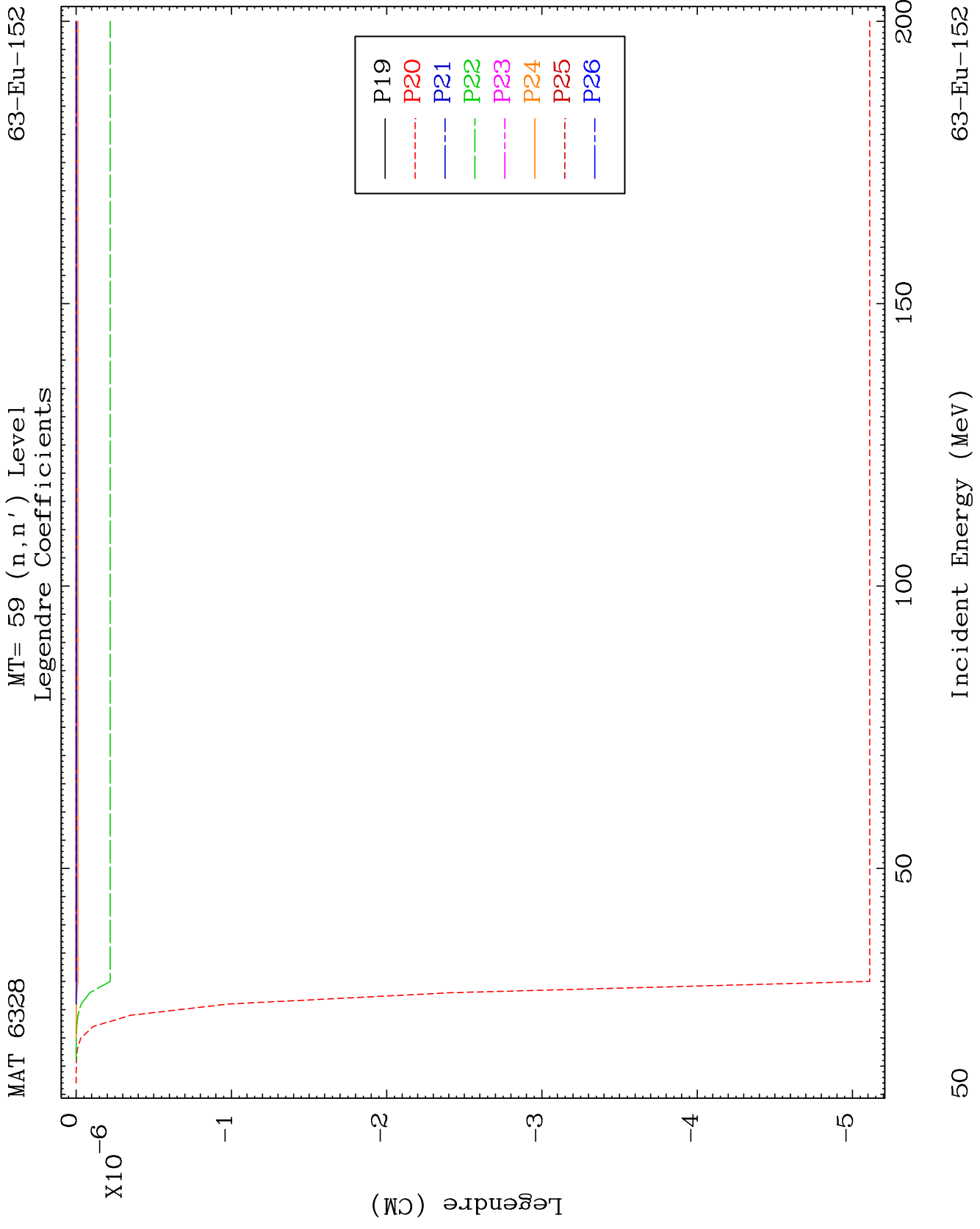
63-Eu-152



63-Eu-152

Incident Energy (MeV)

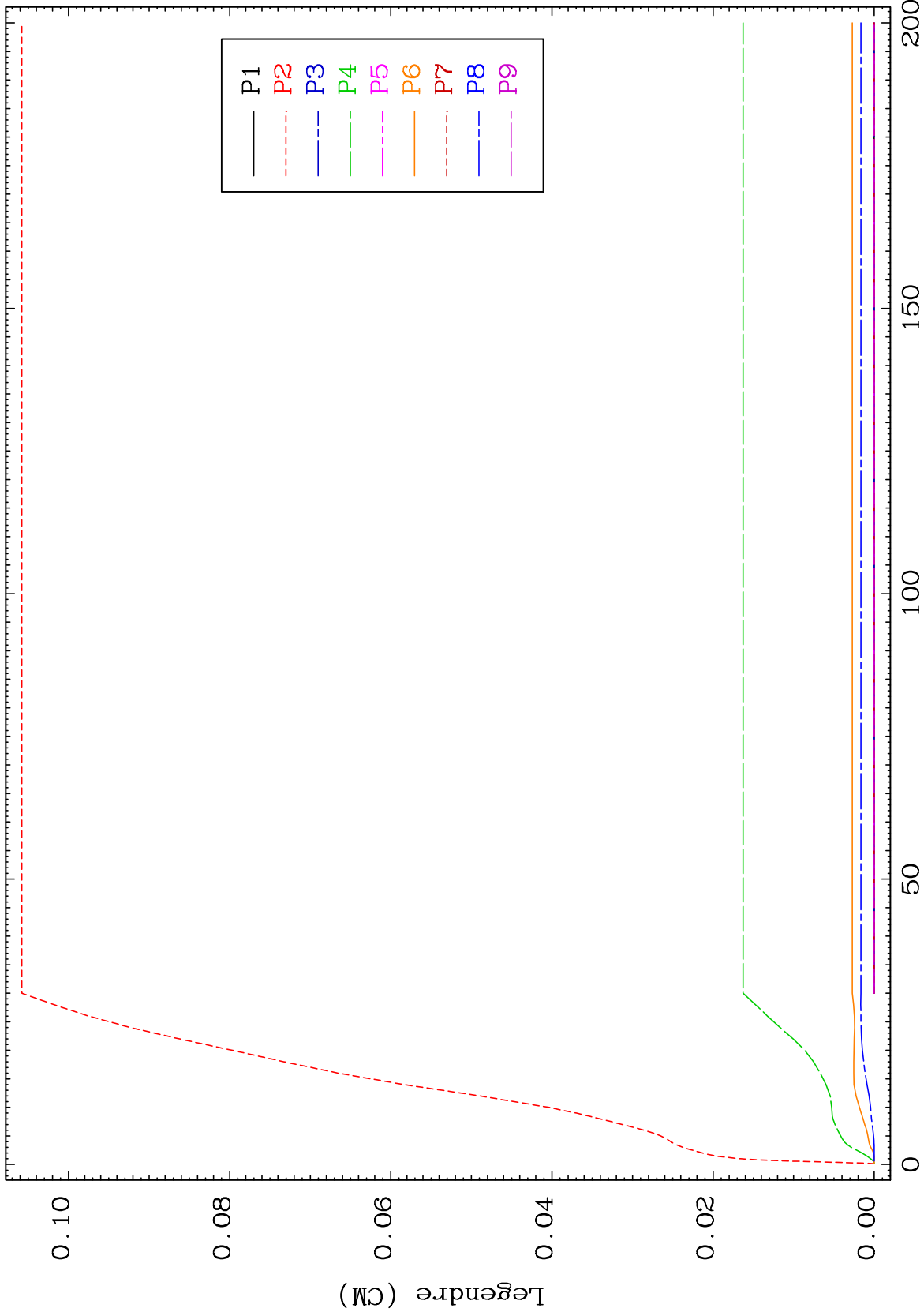
49



MAT 6328

MT= 60 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

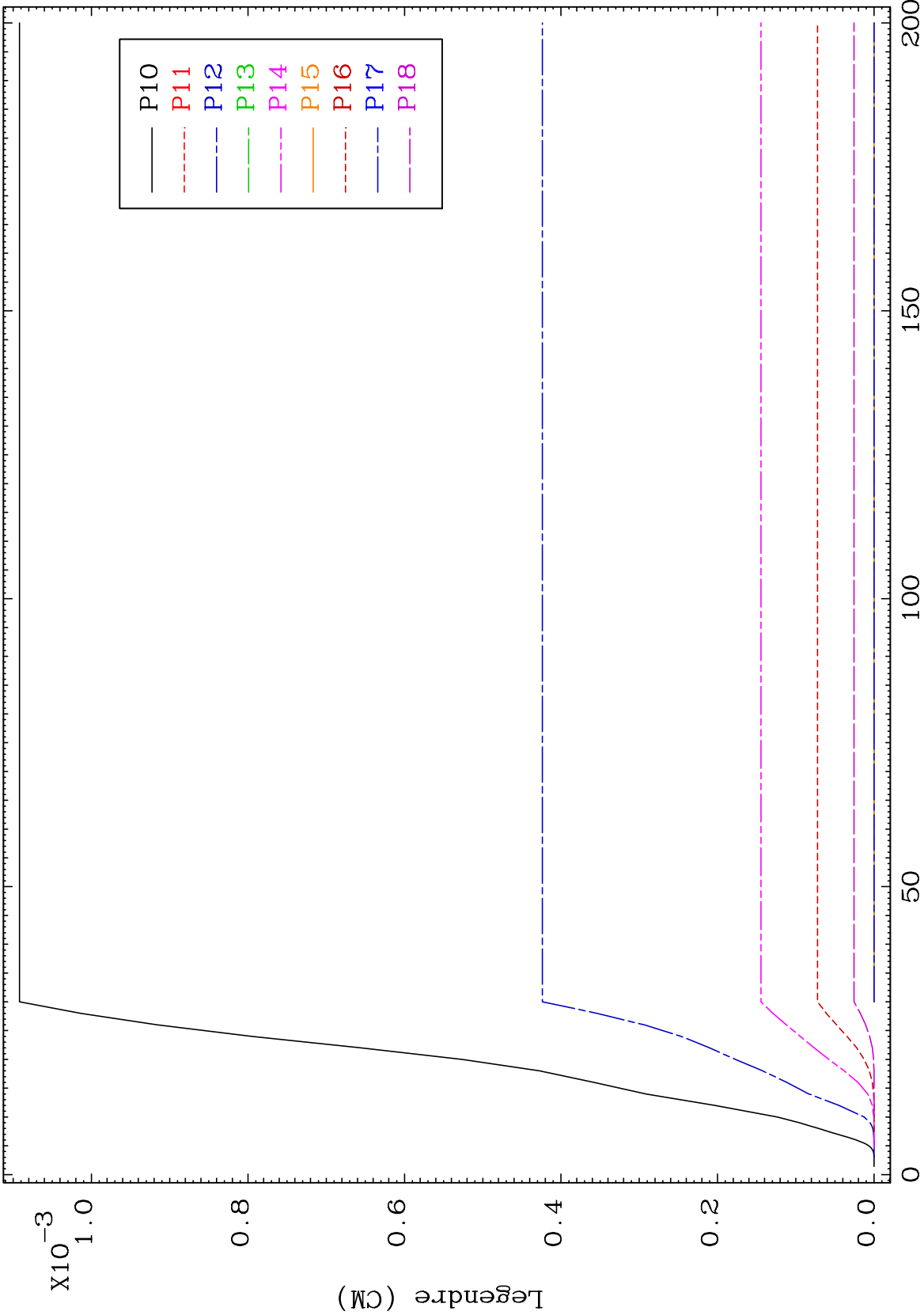
Incident Energy (MeV)

51

MAT 6328

MT= 60 (n,n') Level
Legendre Coefficients

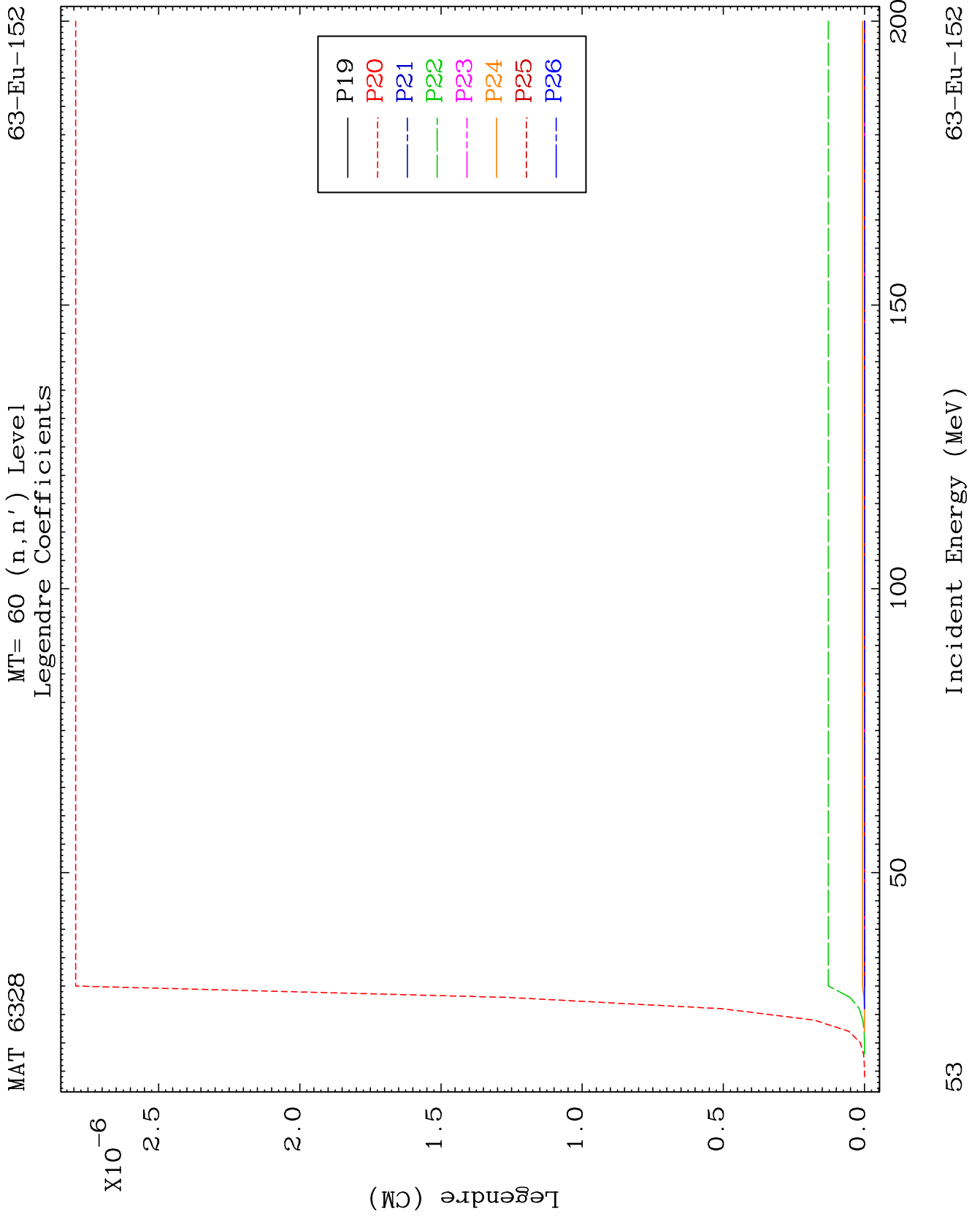
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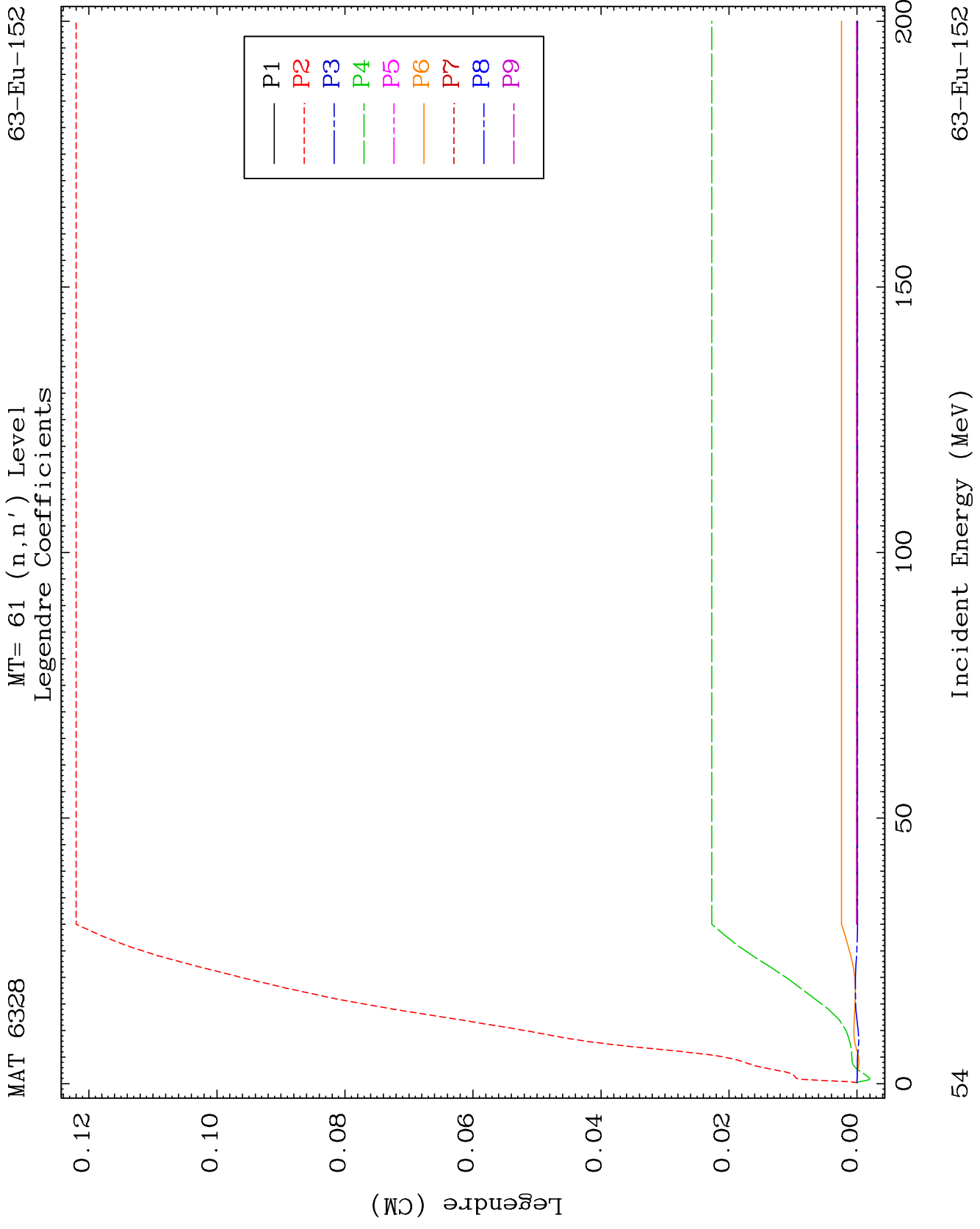


52

Incident Energy (MeV)

63-Eu-152





63-Eu-152

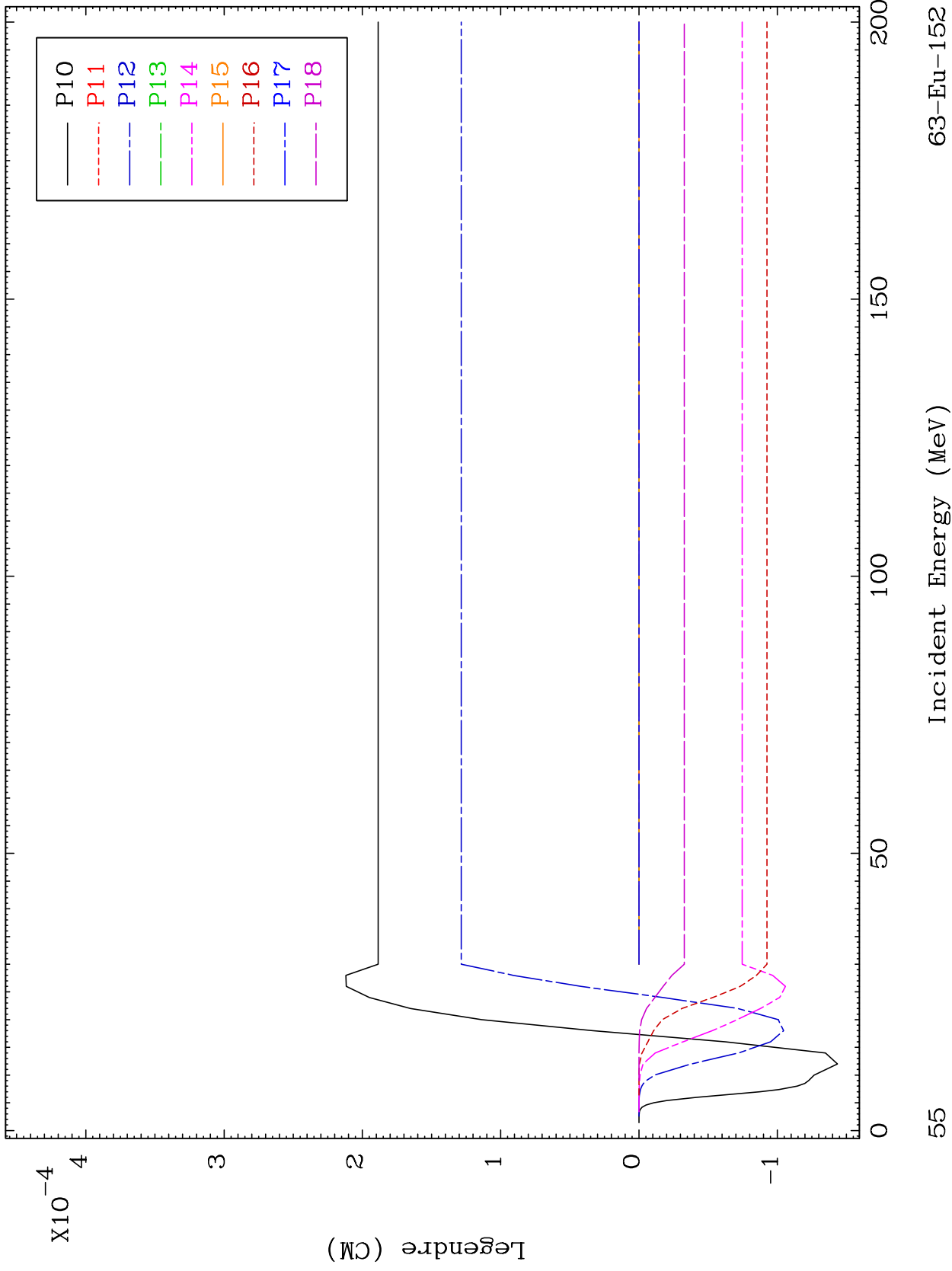
Incident Energy (MeV)

54

MAT 6328

MT= 61 (n,n') Level
Legendre Coefficients

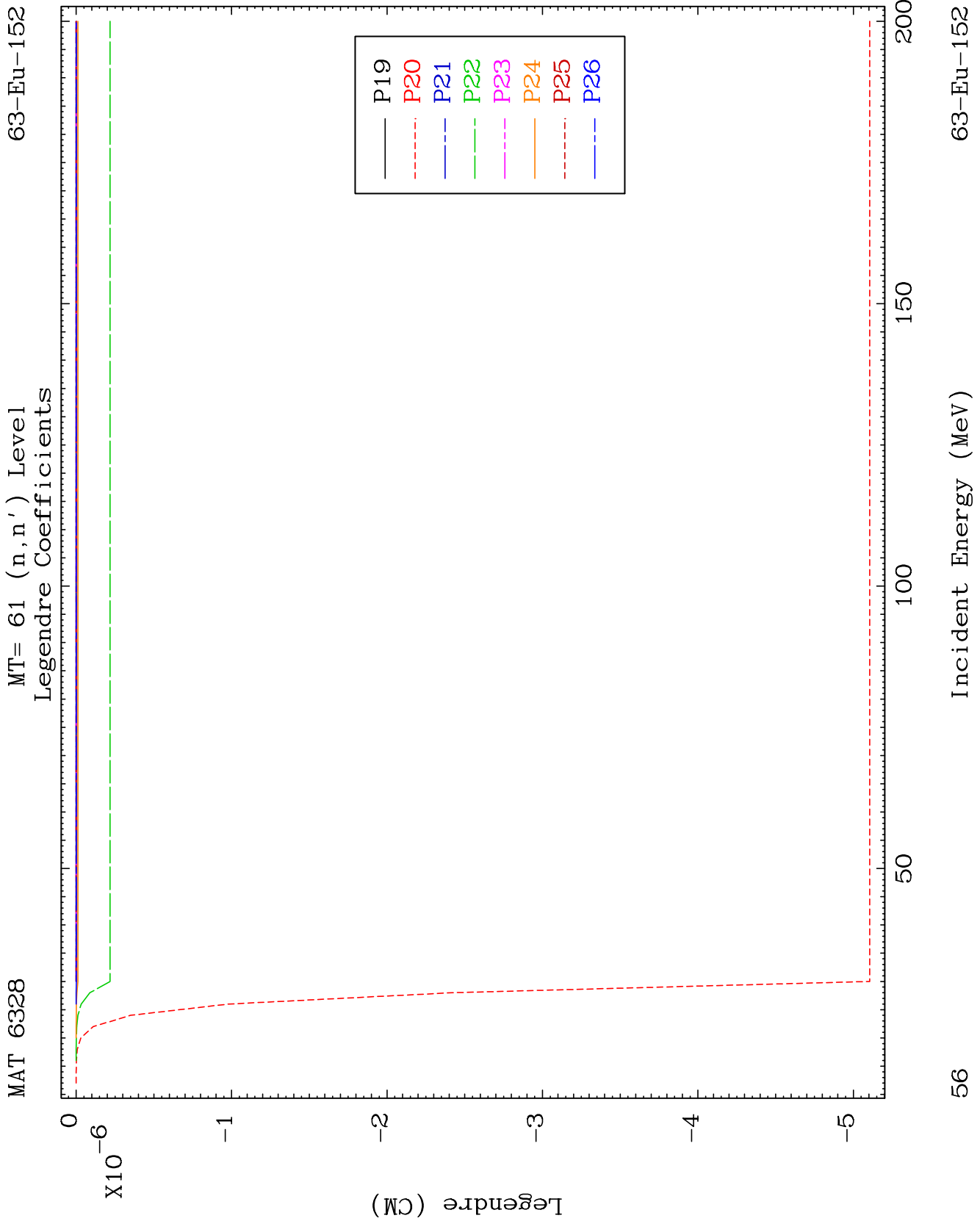
63-Eu-152



63-Eu-152

Incident Energy (MeV)

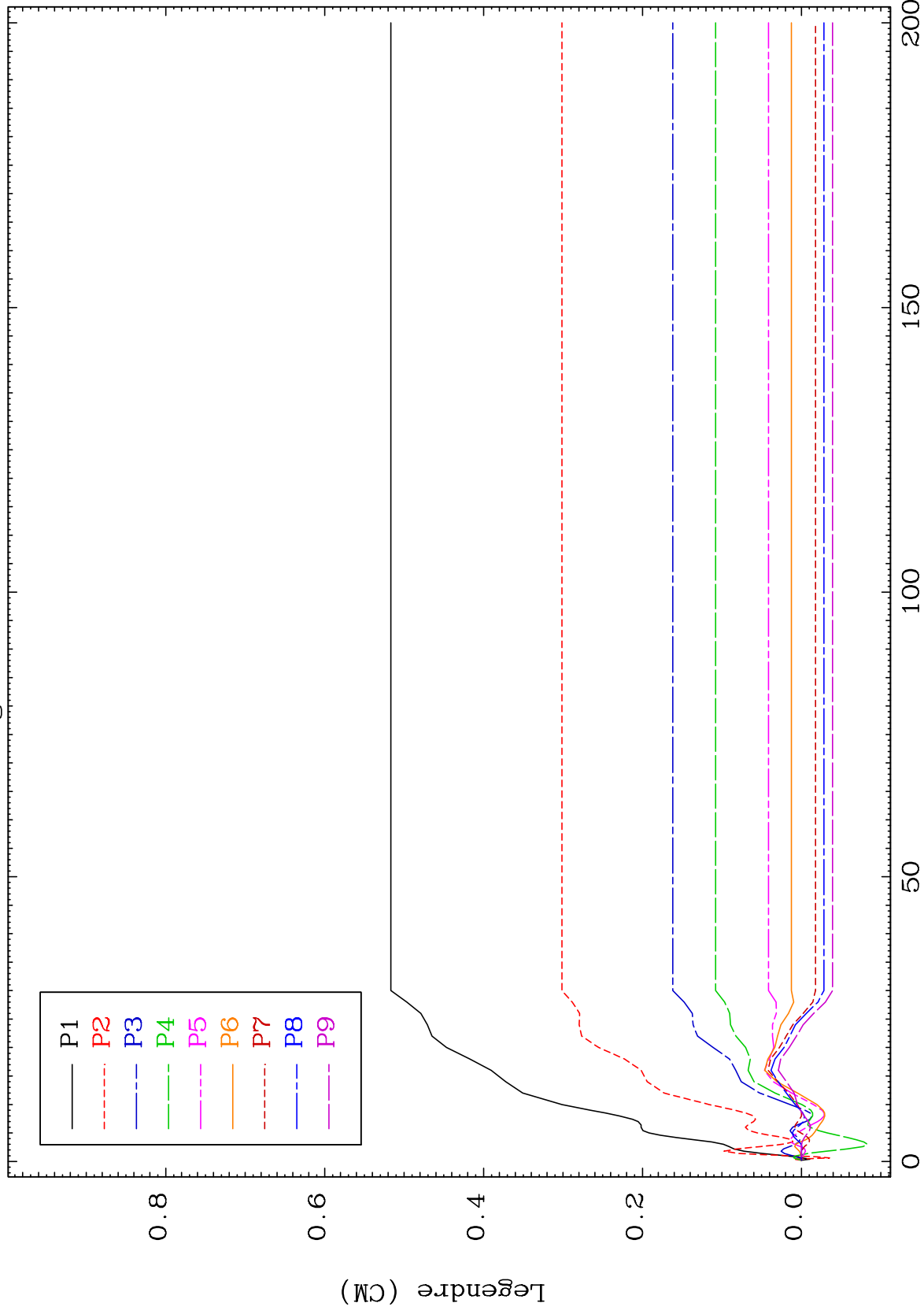
55



MAT 6328

MT= 62 (n,n') Level
Legendre Coefficients

63-Eu-152



57

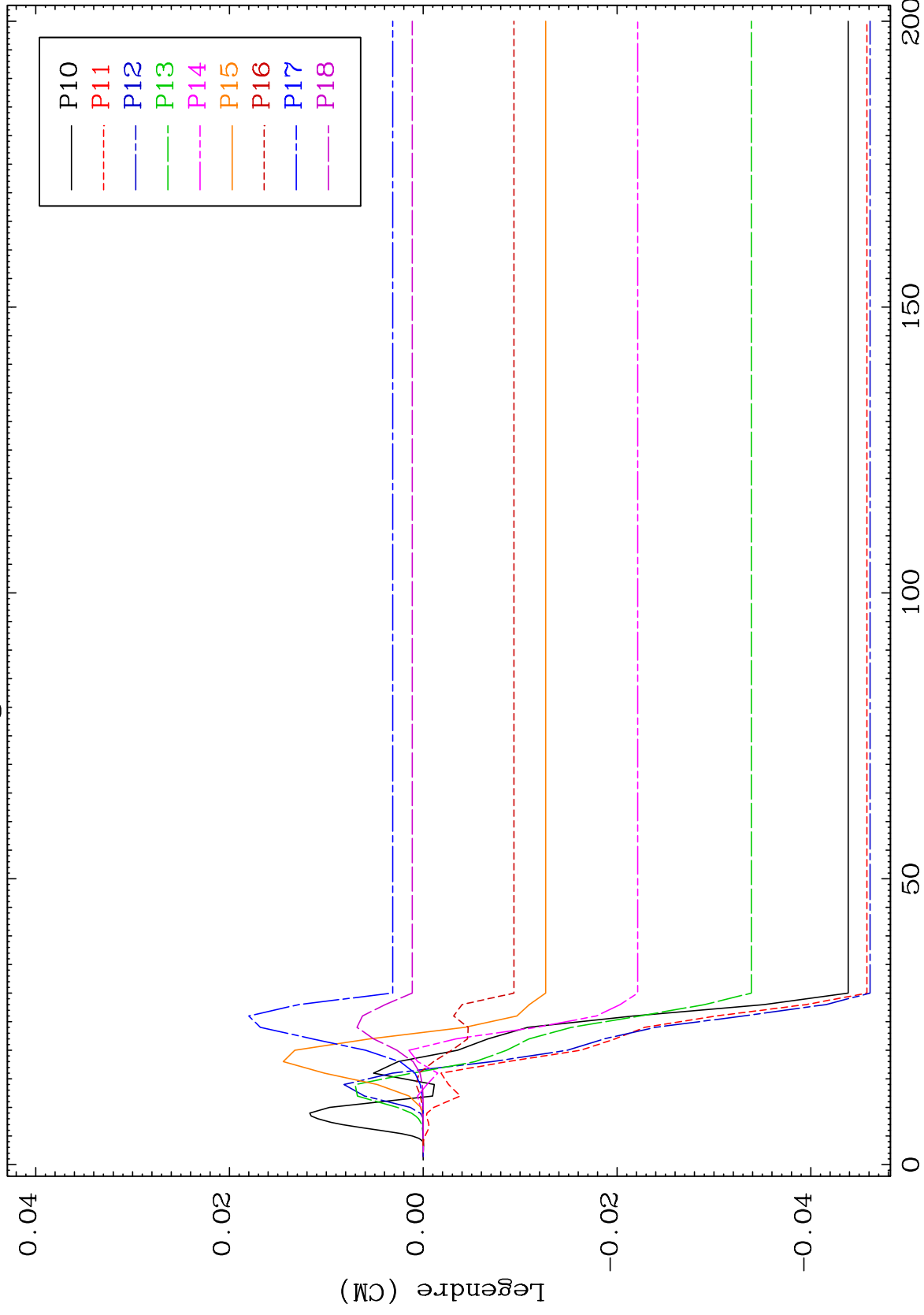
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 62 (n,n') Level
Legendre Coefficients

63-Eu-152



58

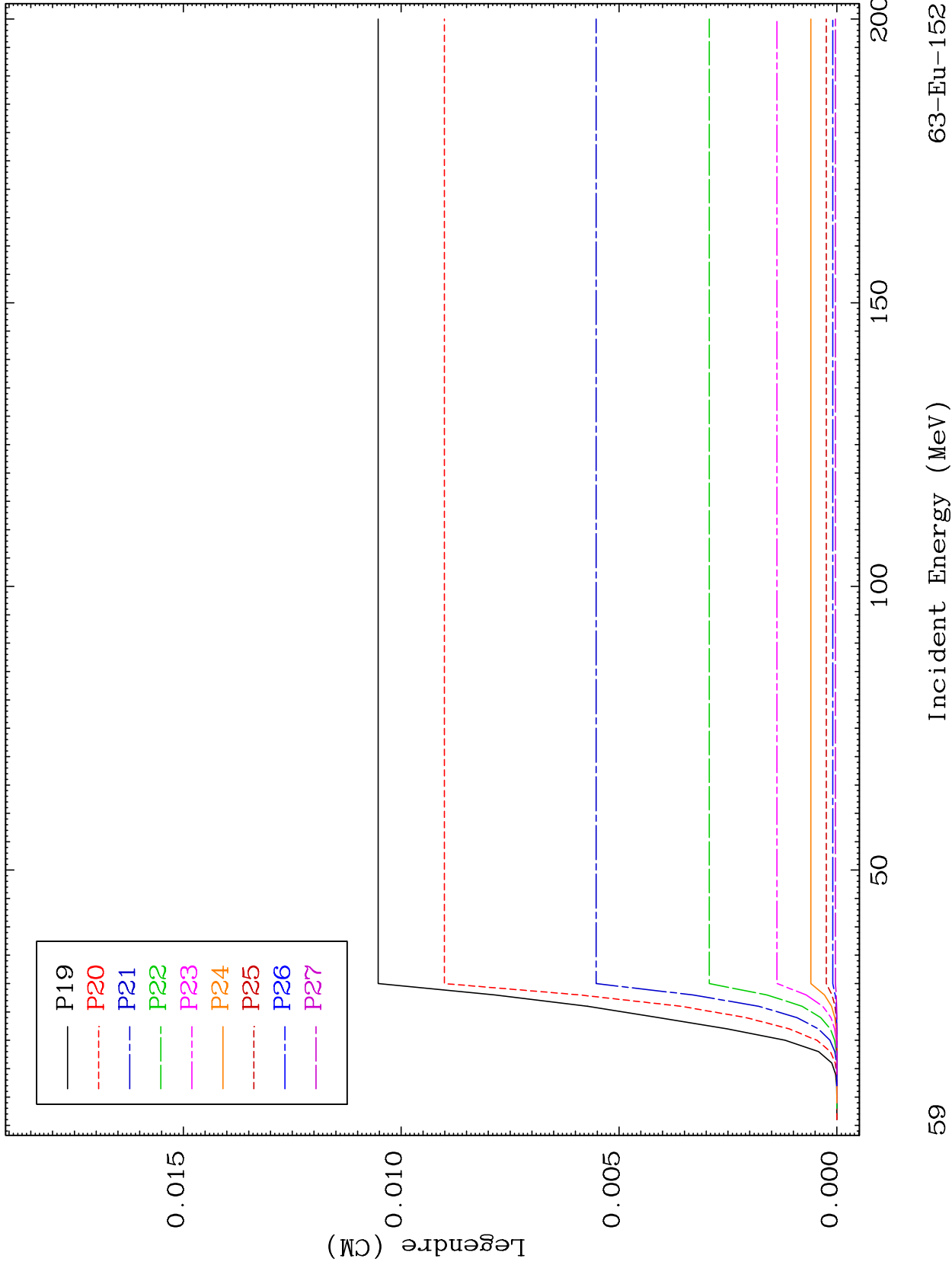
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 62 (n,n') Level
Legendre Coefficients

63-Eu-152



59

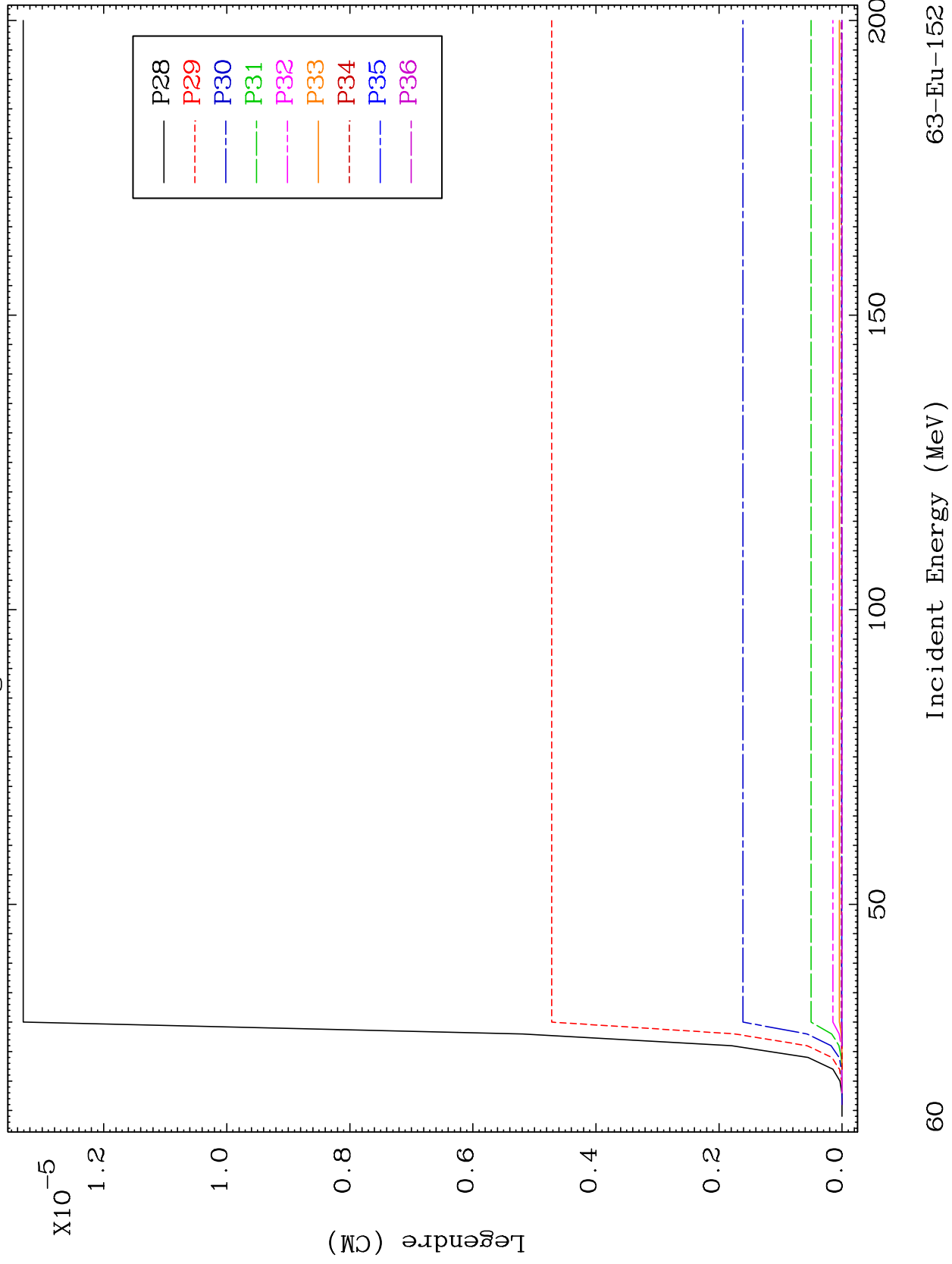
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 62 (n,n') Level
Legendre Coefficients

63-Eu-152

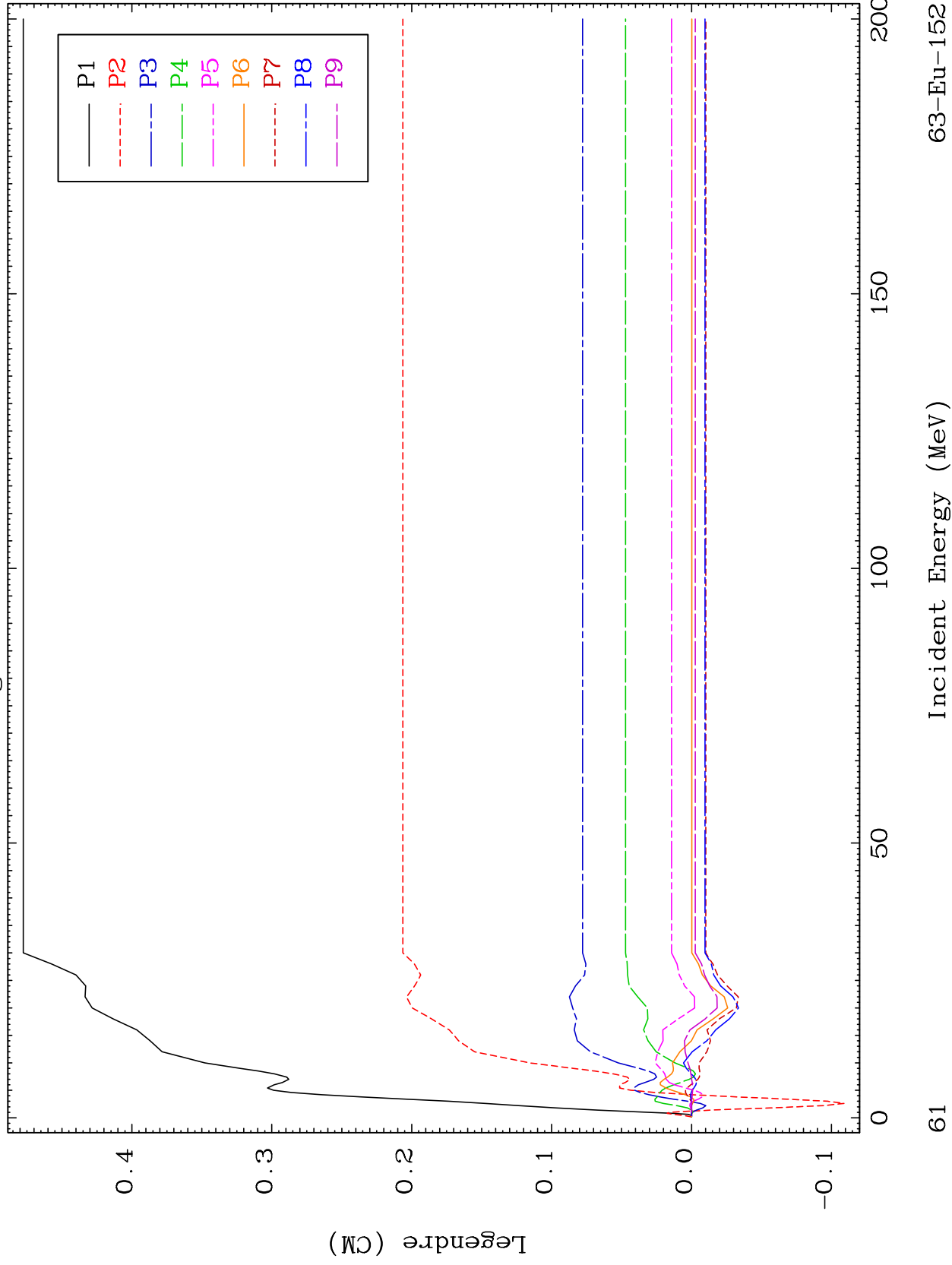


63-Eu-152

MAT 6328

MT= 63 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

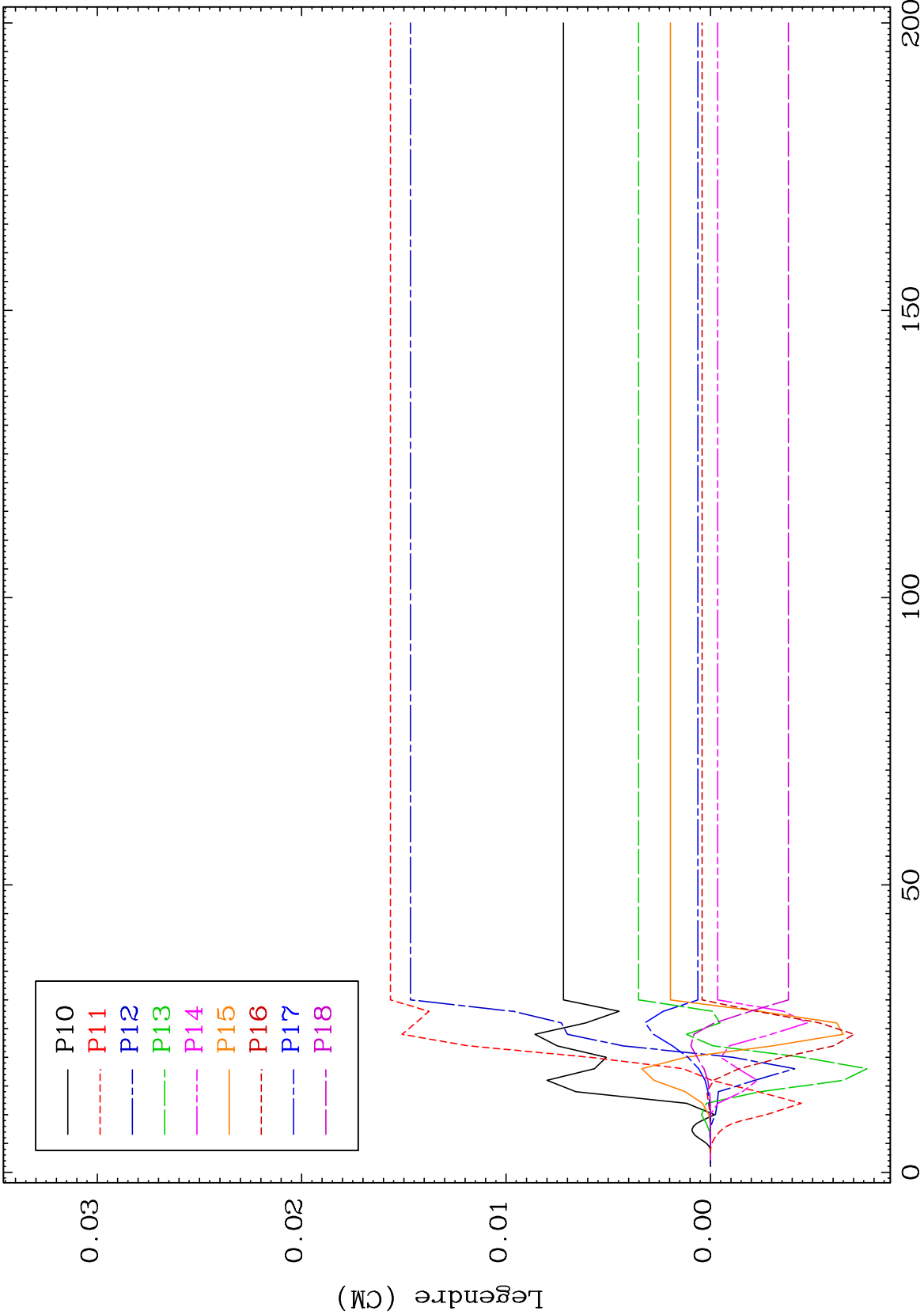
Incident Energy (MeV)

61

MAT 6328

MT= 63 (n,n') Level Legendre Coefficients

63-Eu-152



62

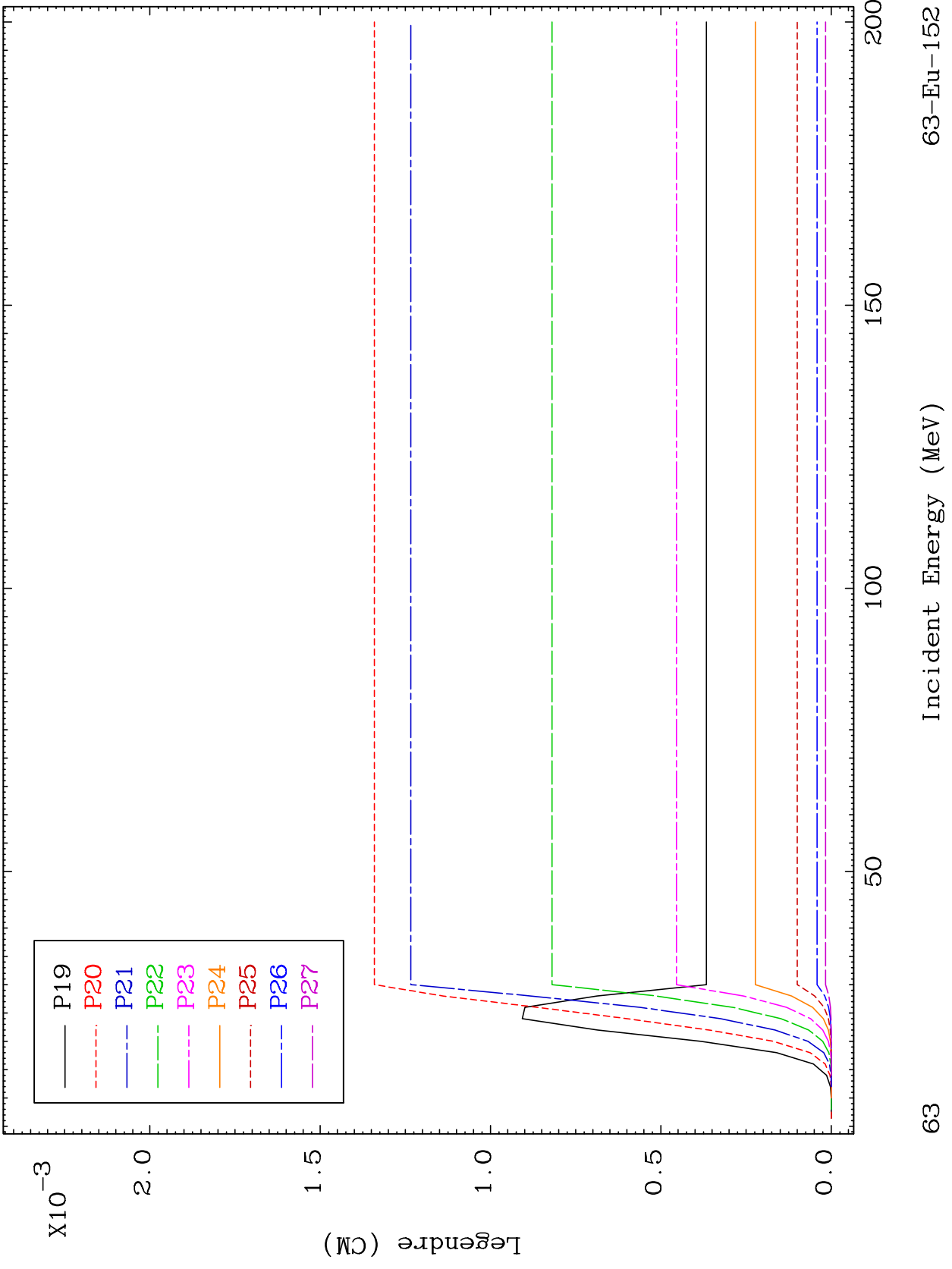
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 63 (n,n') Level
Legendre Coefficients

63-Eu-152



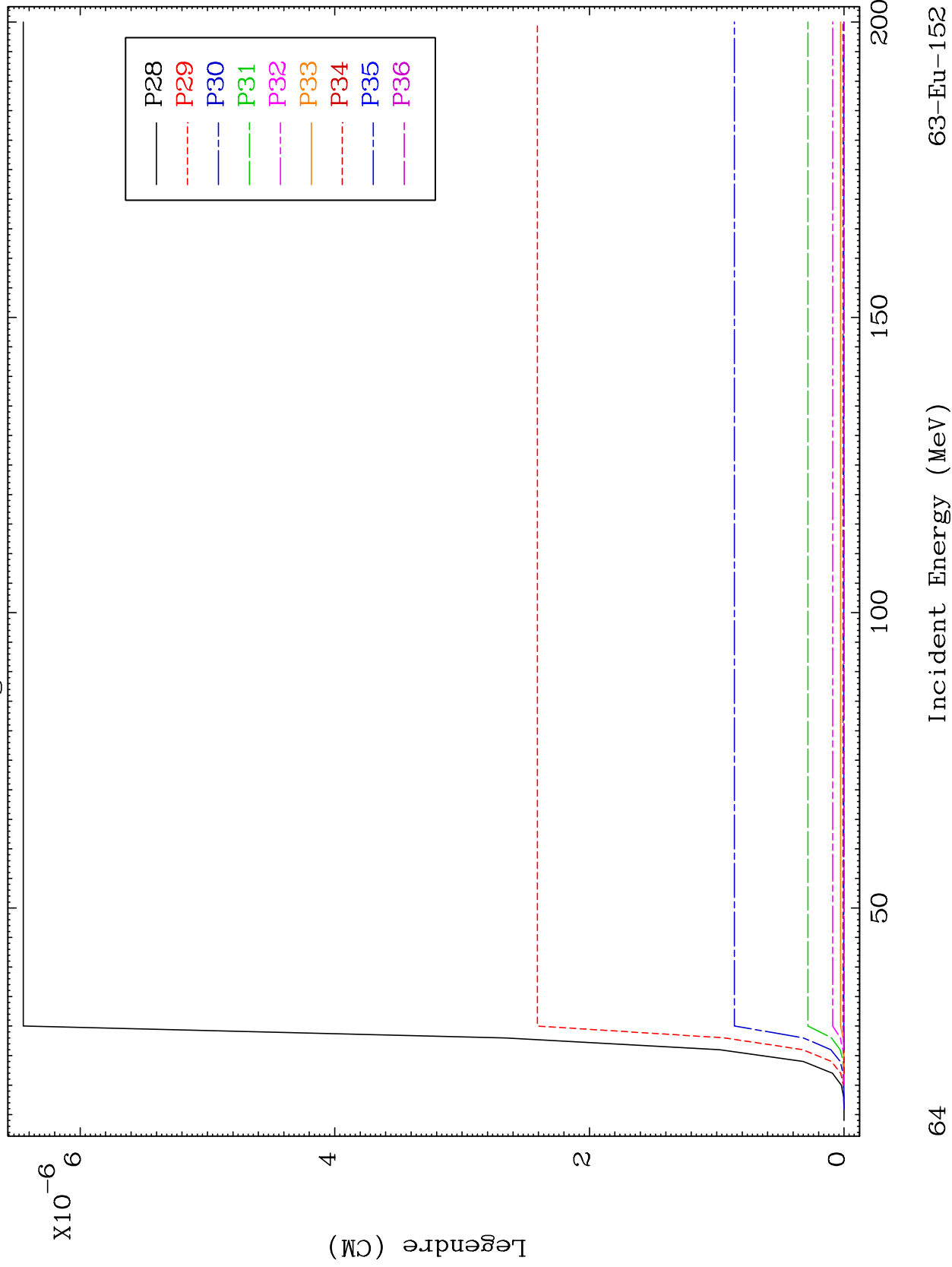
63

63-Eu-152

MAT 6328

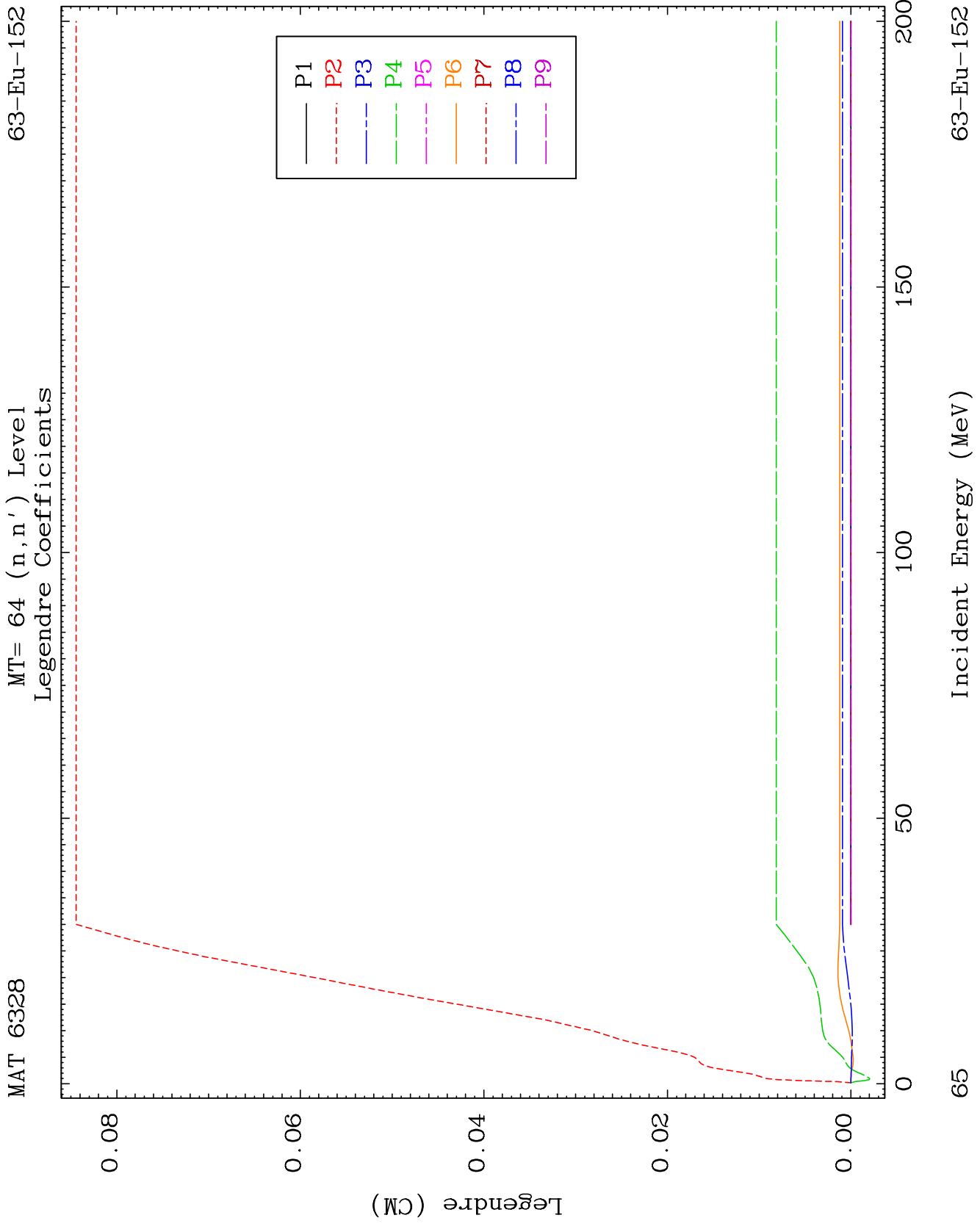
MT= 63 (n,n') Level
Legendre Coefficients

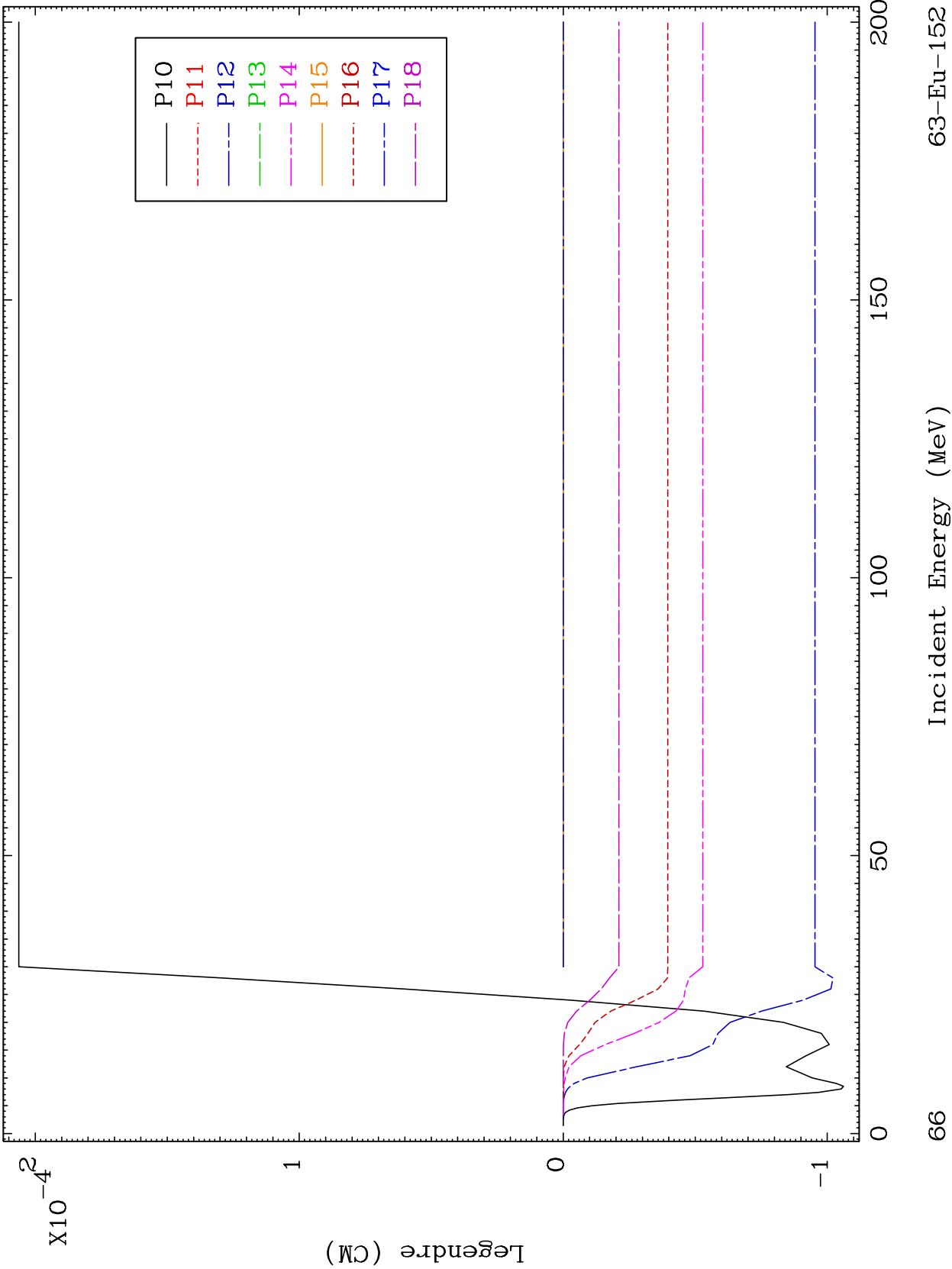
63-Eu-152

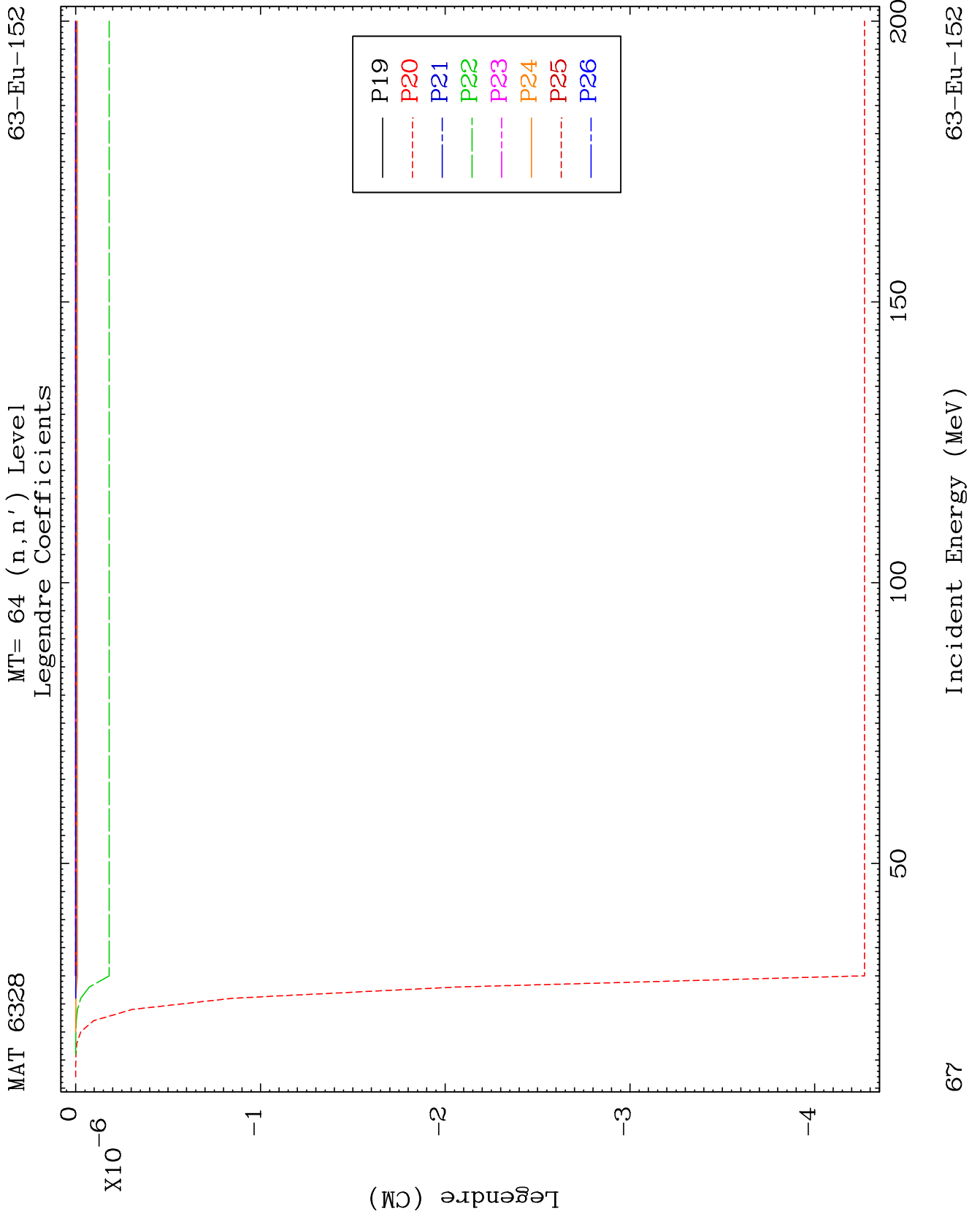


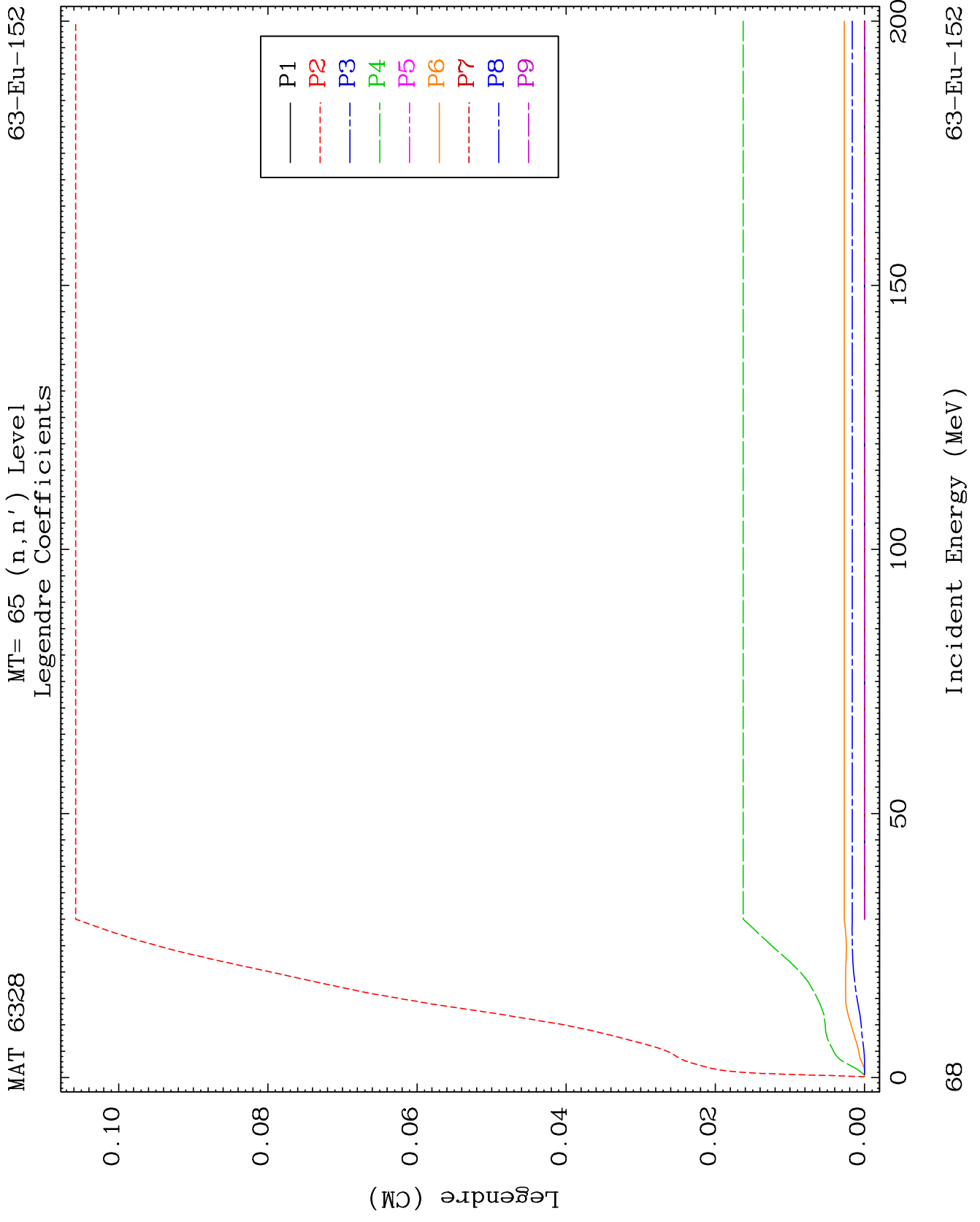
64

63-Eu-152





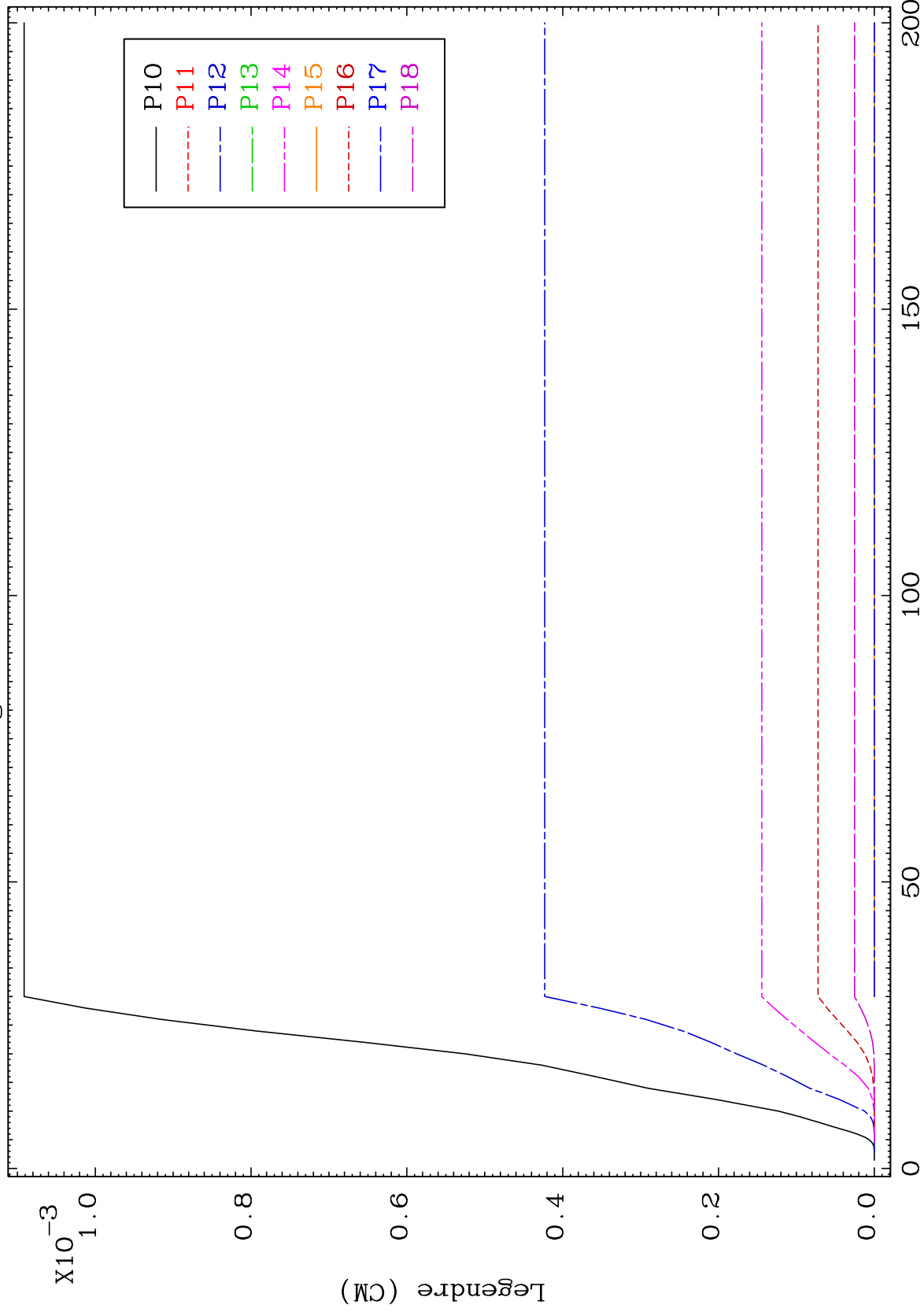




MAT 6328

MT= 65 (n,n') Level
Legendre Coefficients

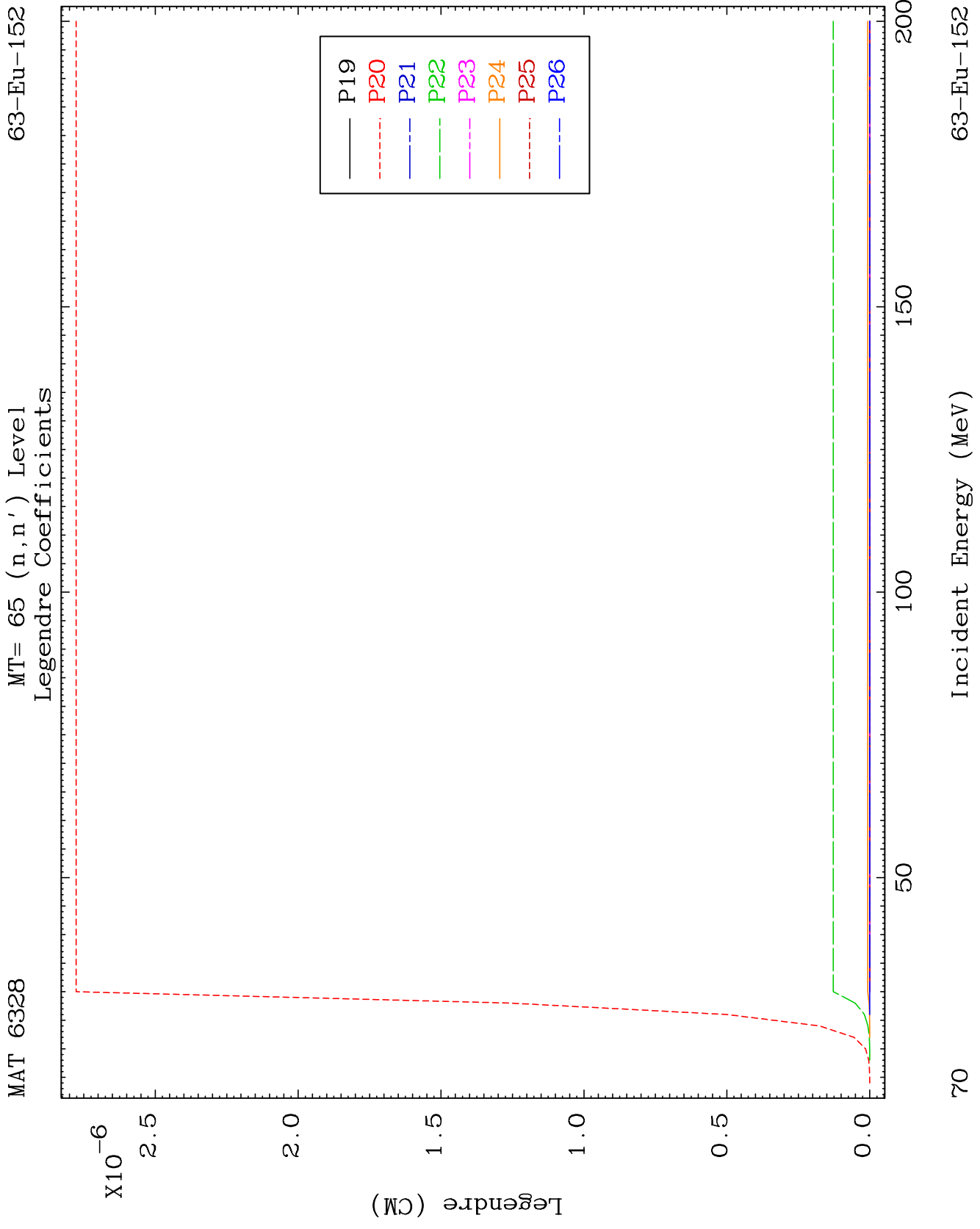
63-Eu-152



69

Incident Energy (MeV)

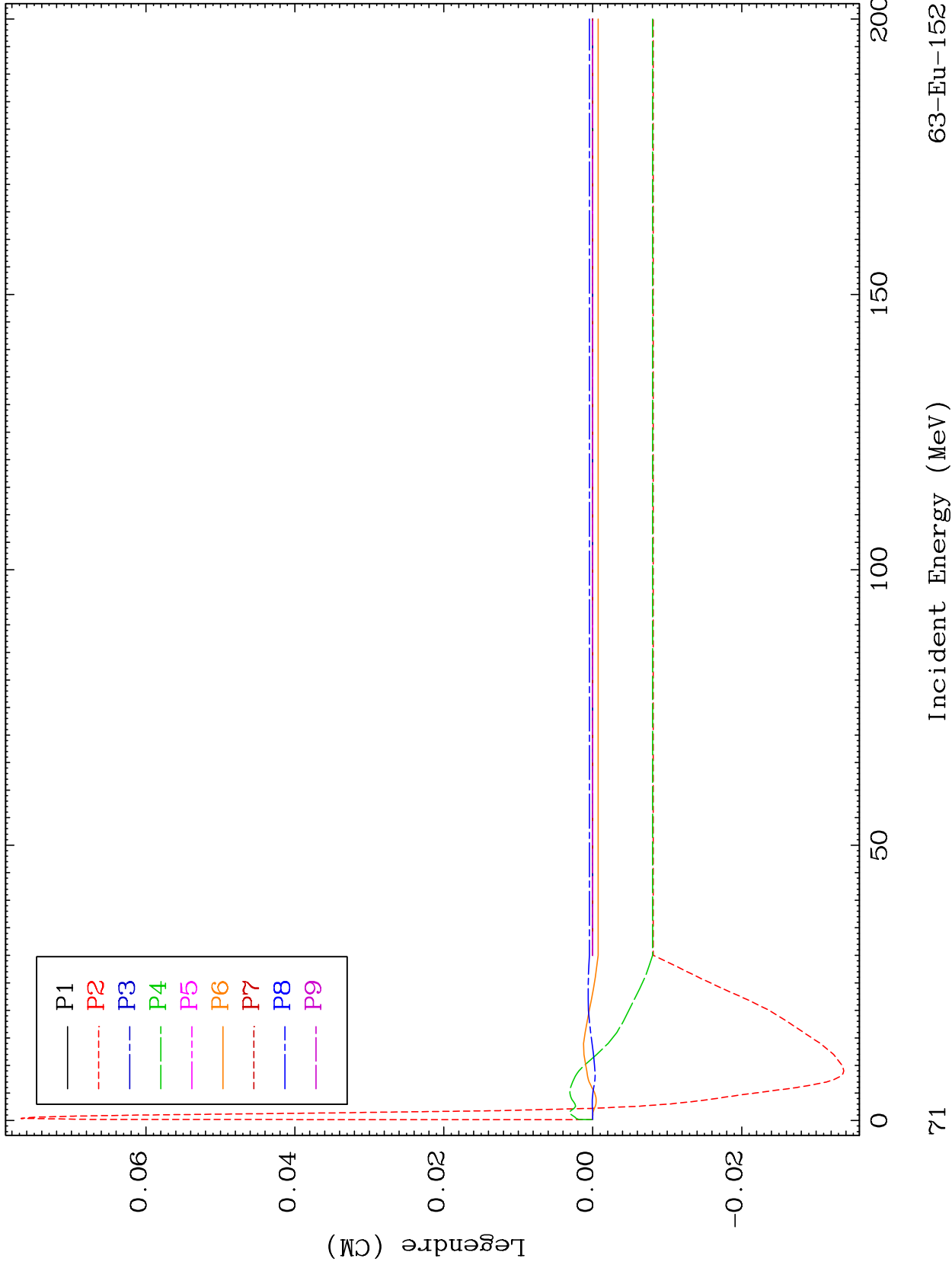
63-Eu-152



MAT 6328

MT= 66 (n,n') Level
Legendre Coefficients

63-Eu-152



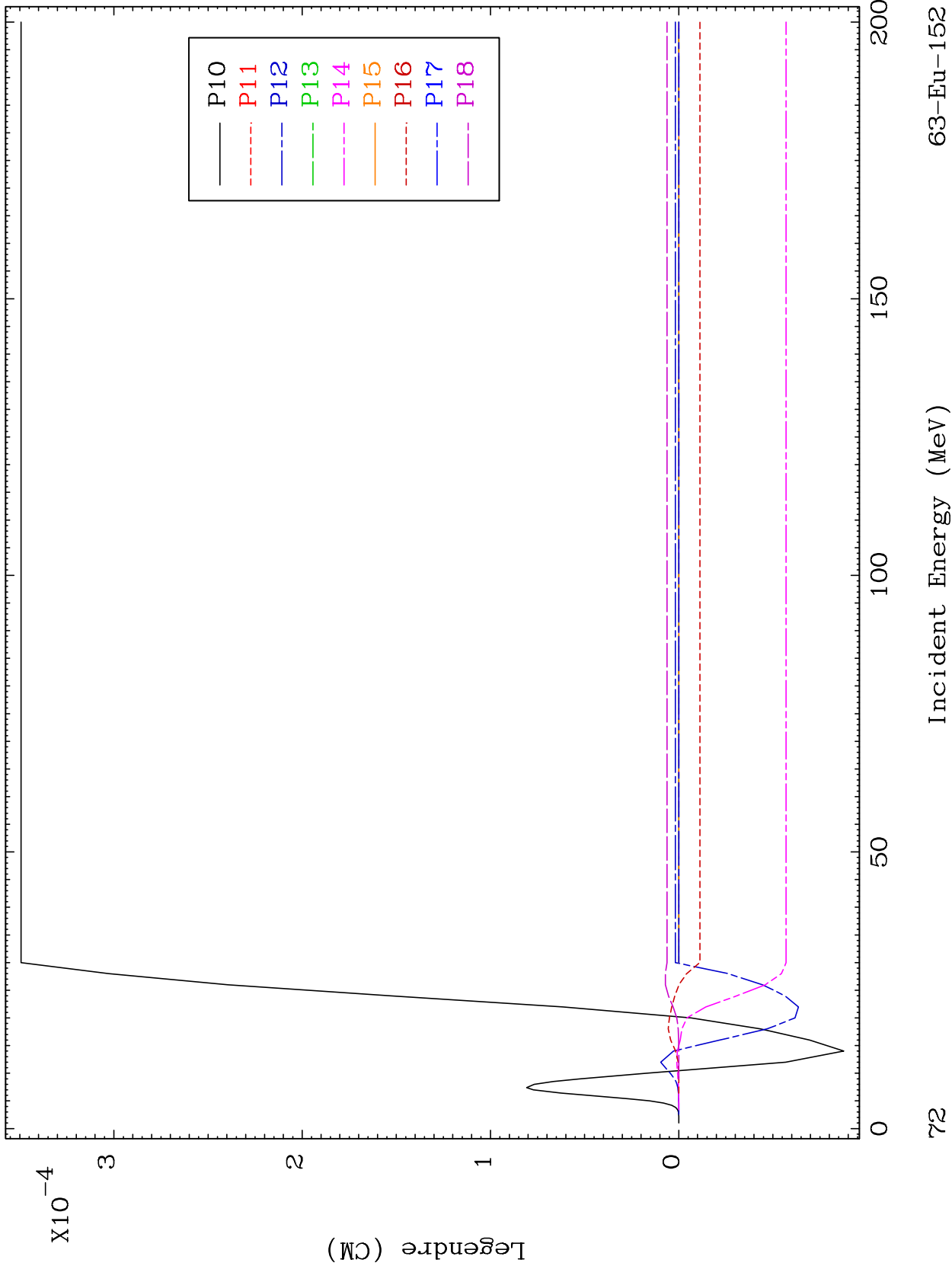
71

63-Eu-152

MAT 6328

MT= 66 (n,n') Level
Legendre Coefficients

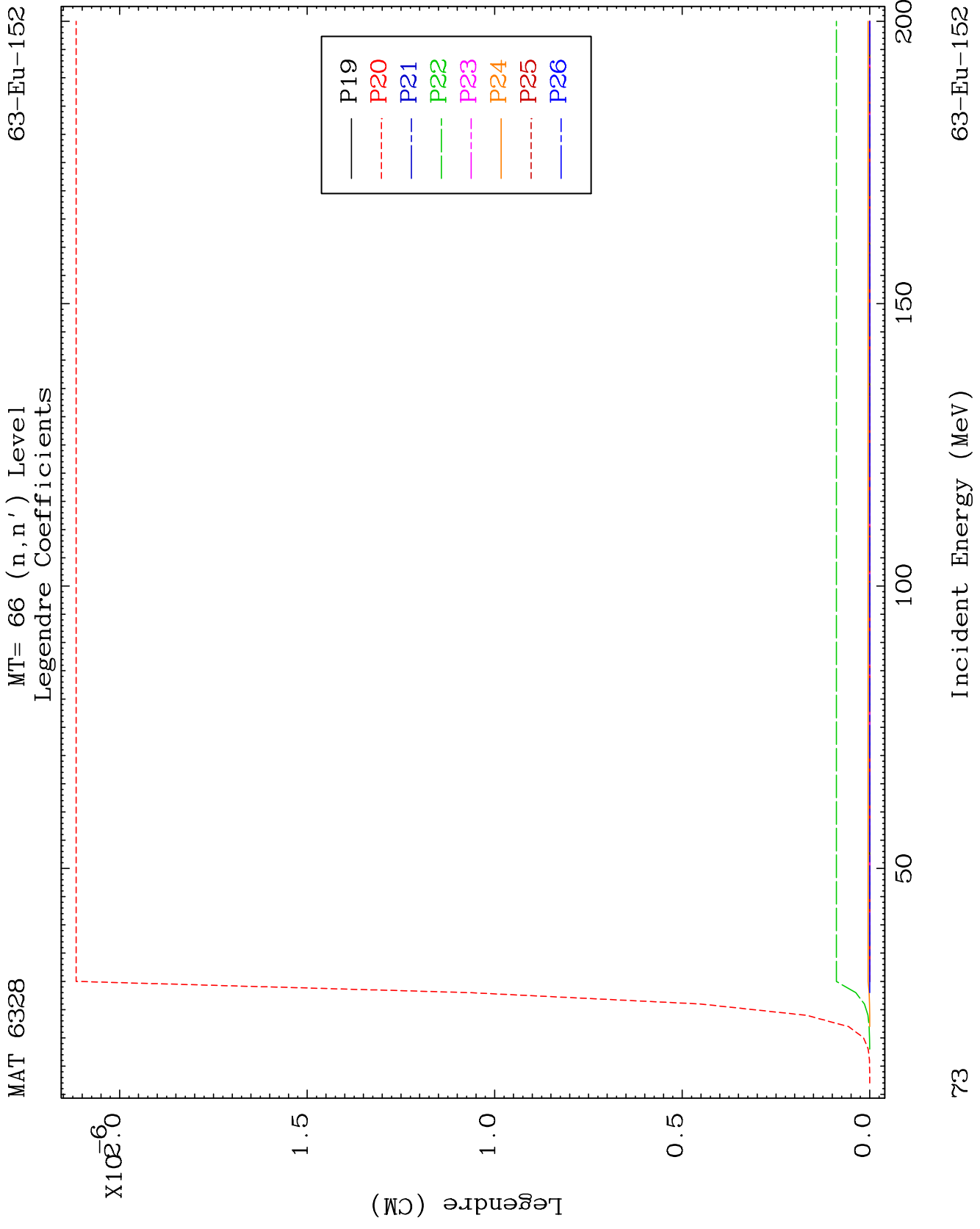
63-Eu-152



63-Eu-152

Incident Energy (MeV)

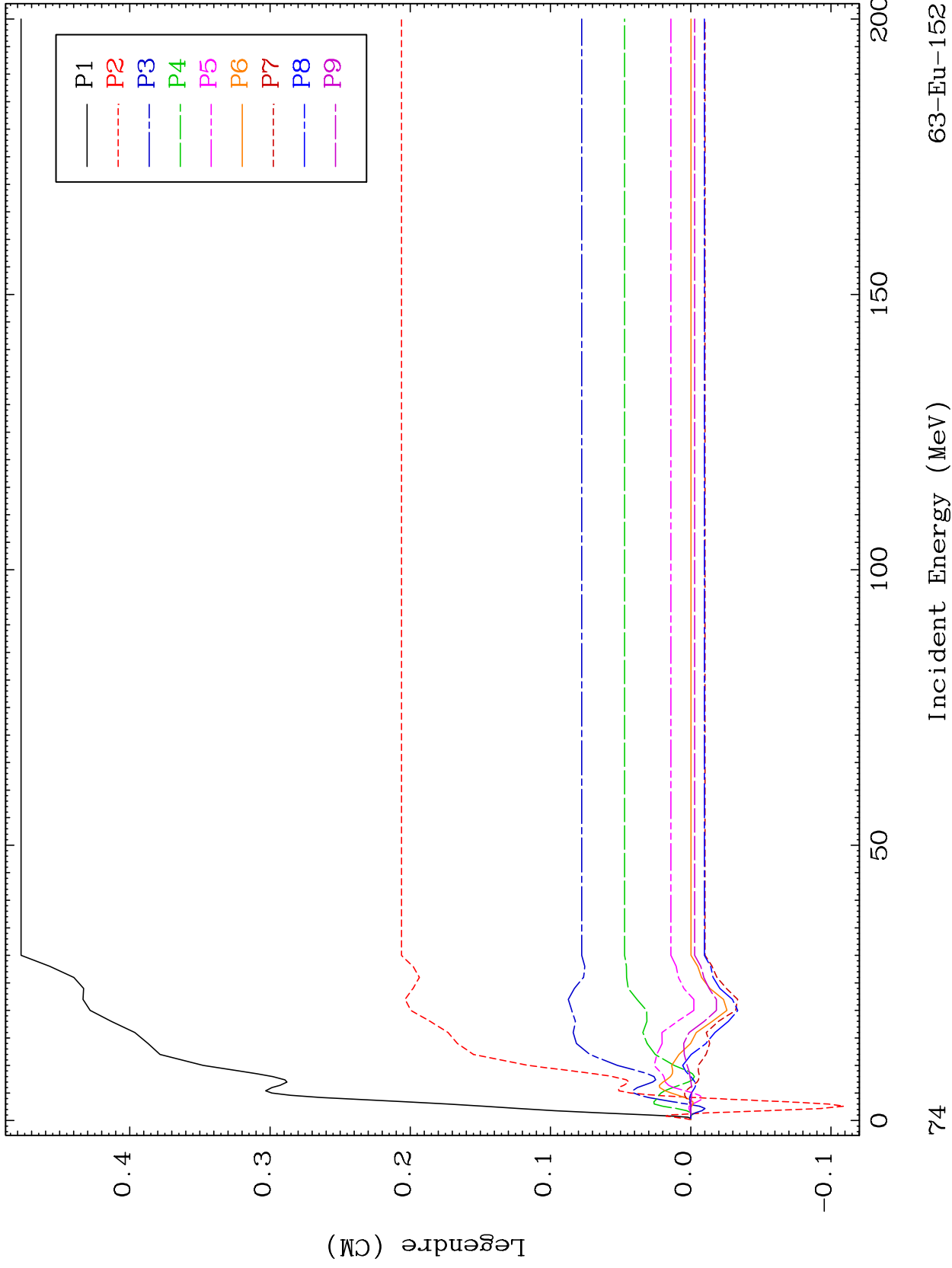
72



MAT 6328

MT= 67 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

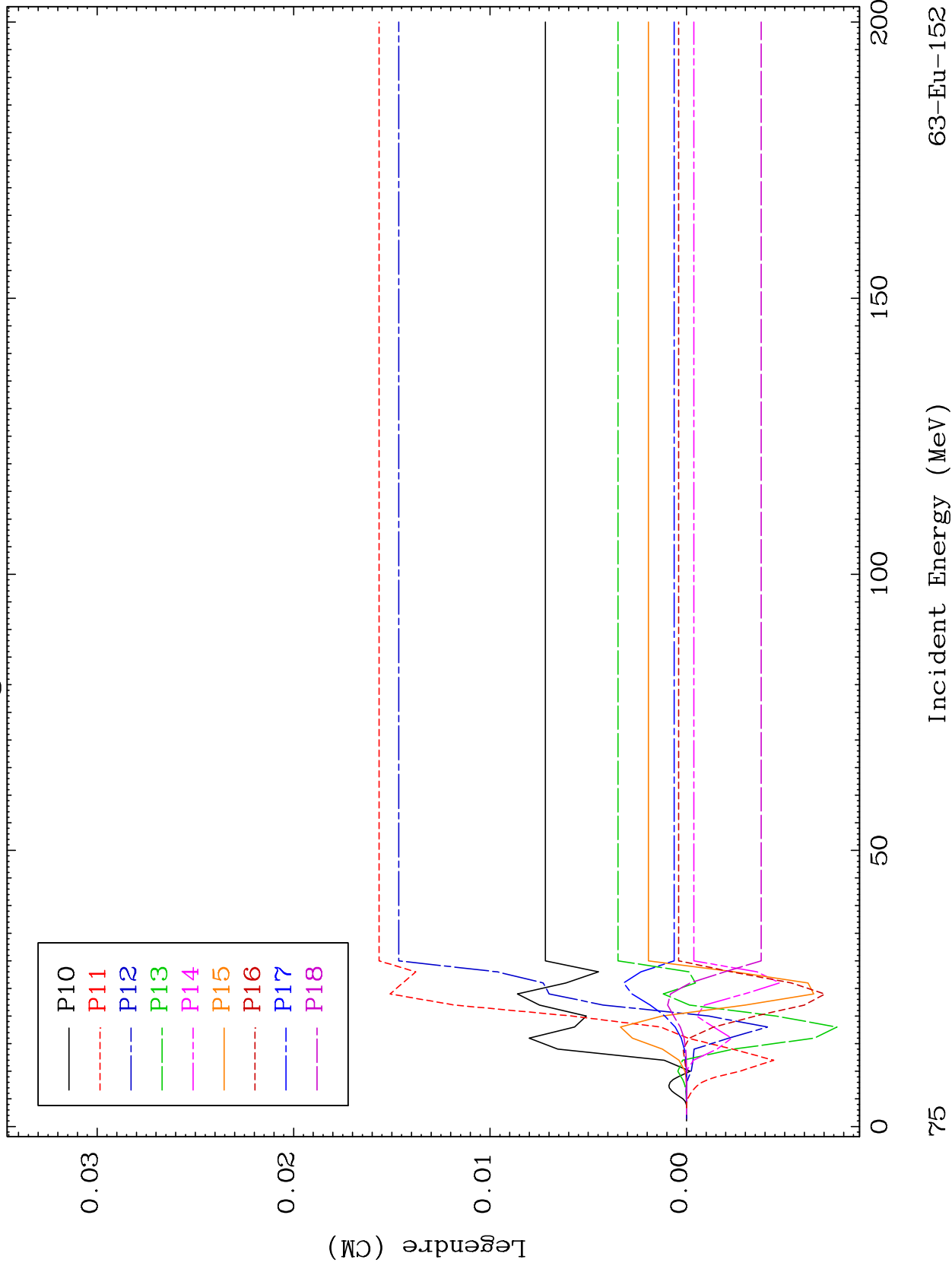
Incident Energy (MeV)

74

MAT 6328

MT= 67 (n,n') Level
Legendre Coefficients

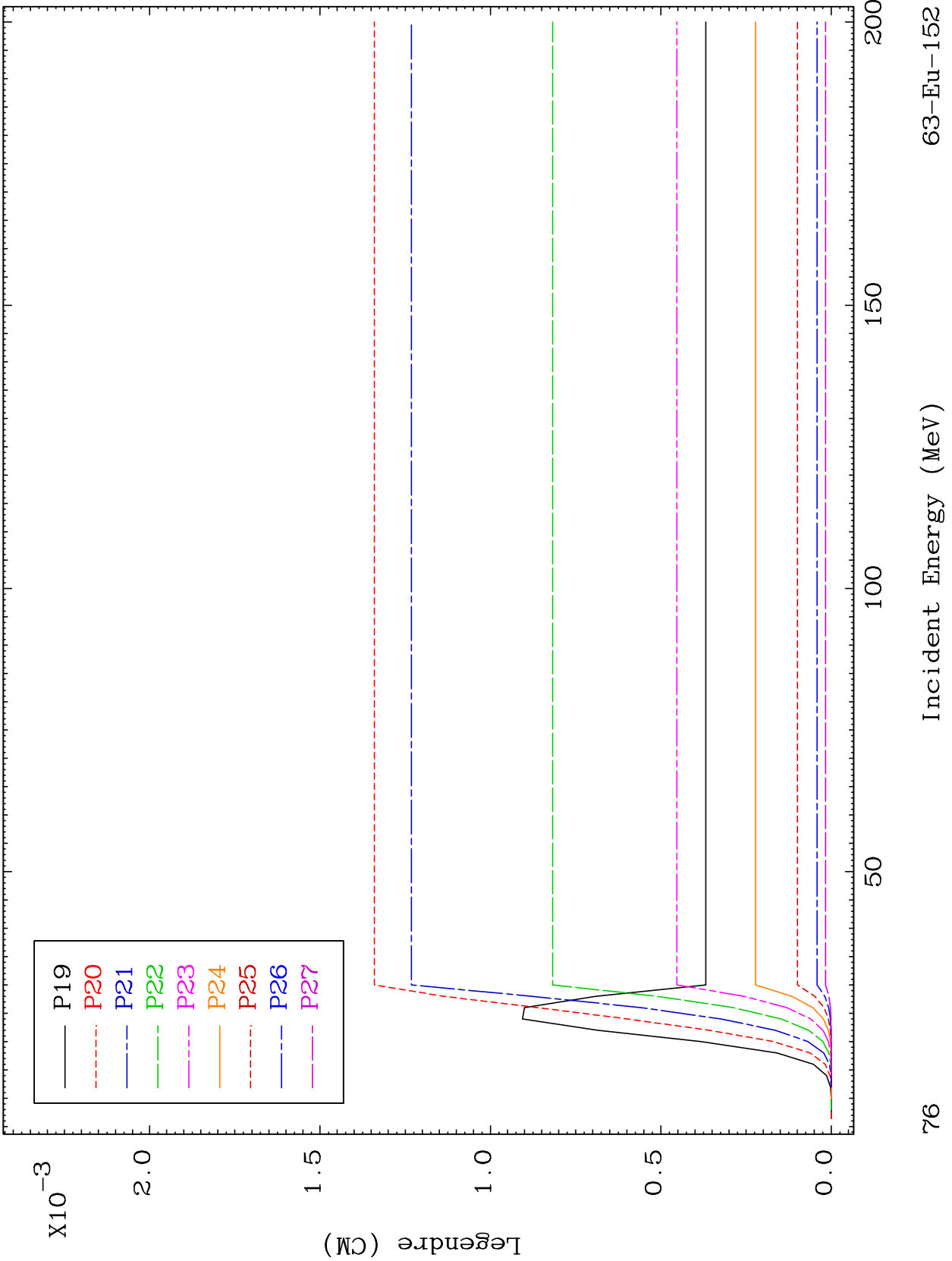
63-Eu-152



75

Incident Energy (MeV)

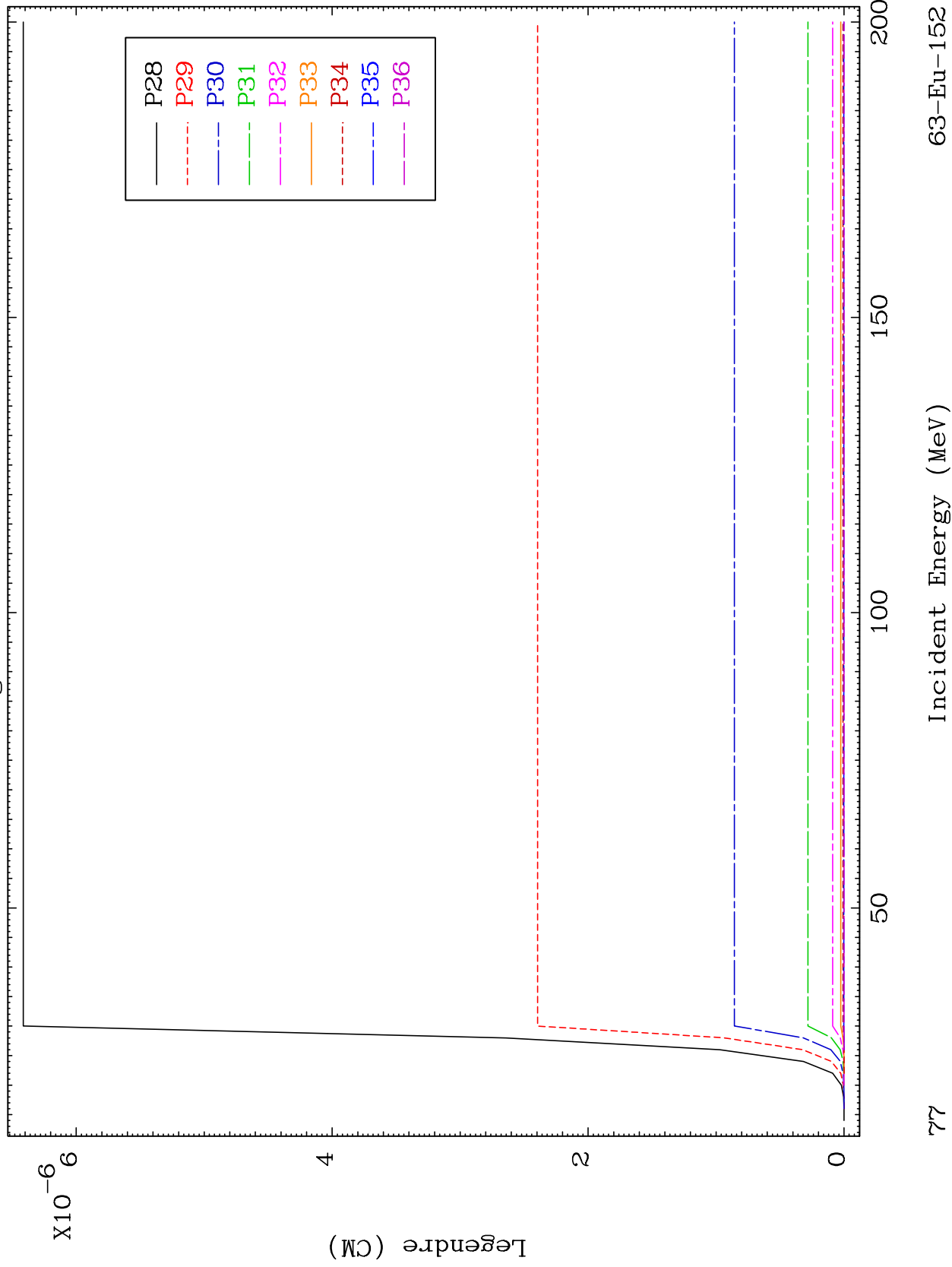
63-Eu-152



MAT 6328

MT= 67 (n,n') Level
Legendre Coefficients

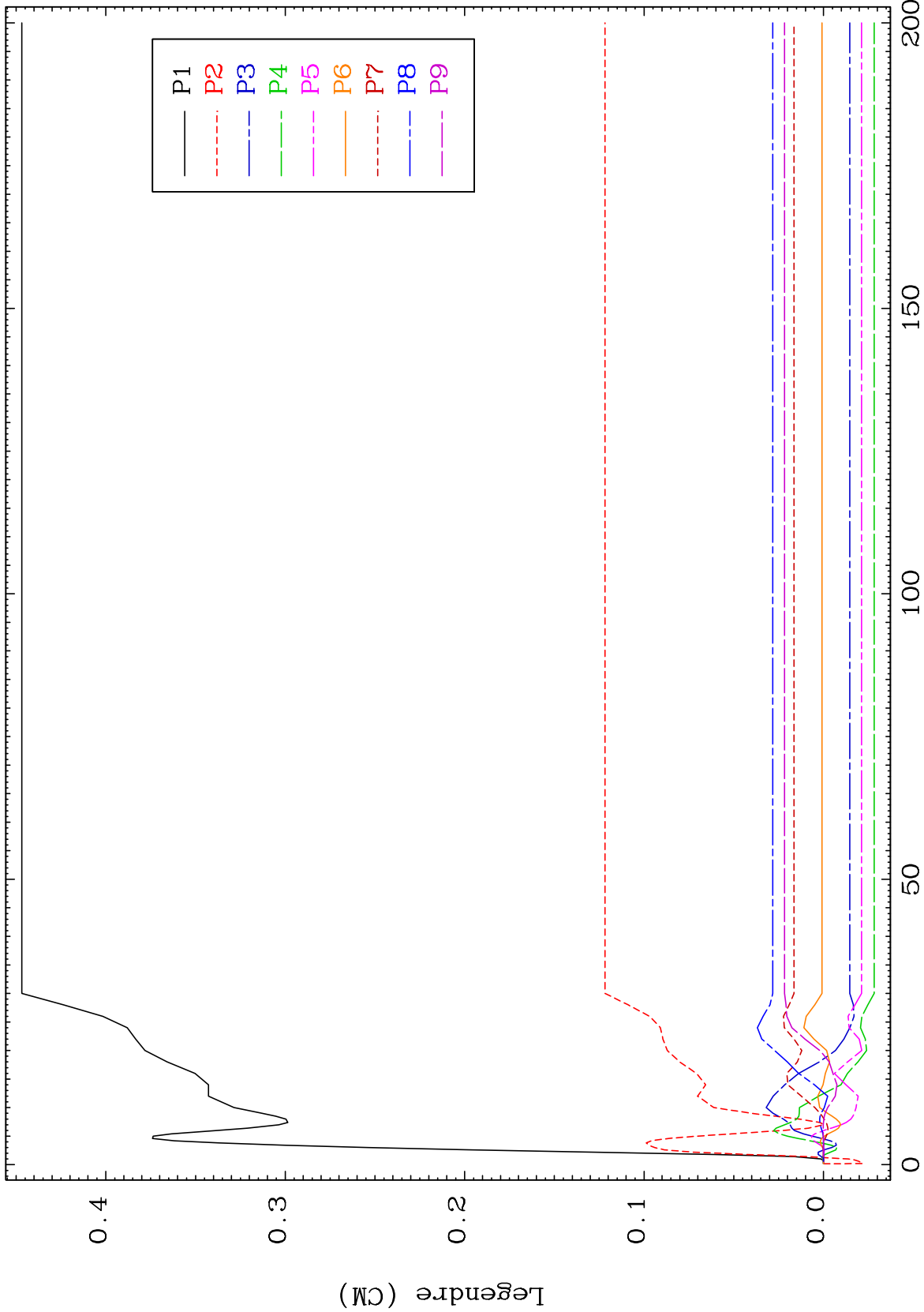
63-Eu-152



MAT 6328

MT= 68 (n,n') Level
Legendre Coefficients

63-Eu-152



78

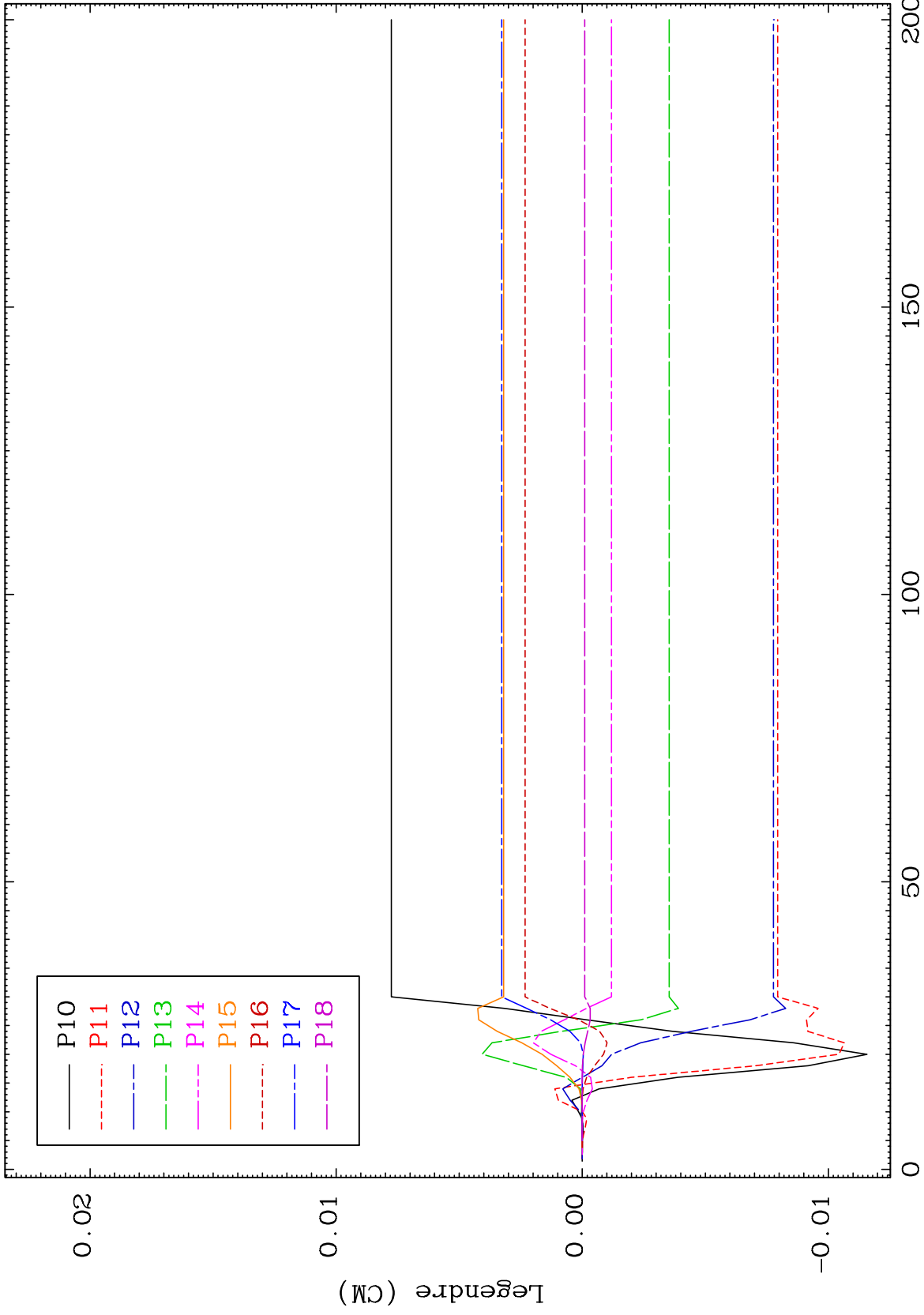
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 68 (n,n') Level
Legendre Coefficients

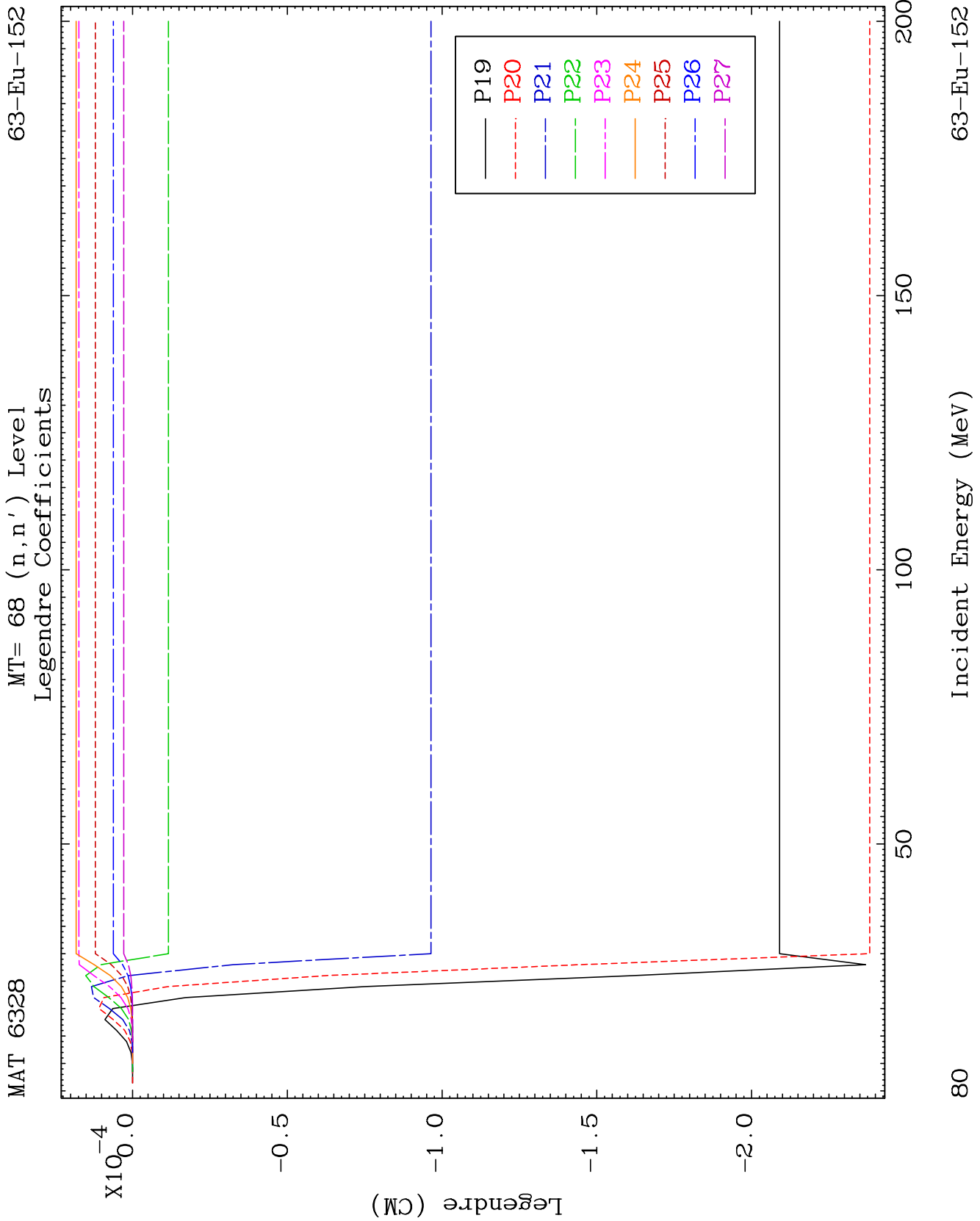
63-Eu-152

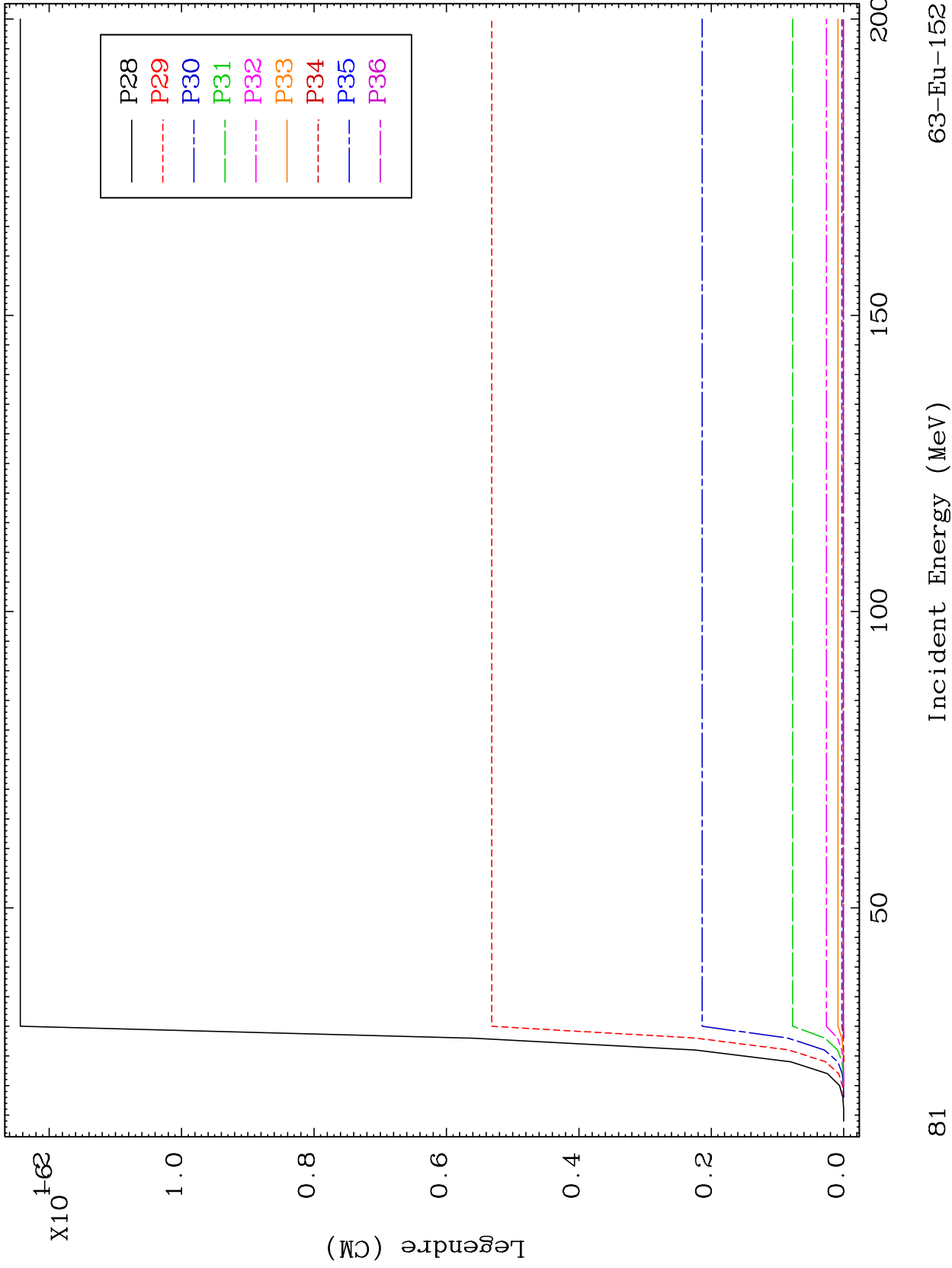


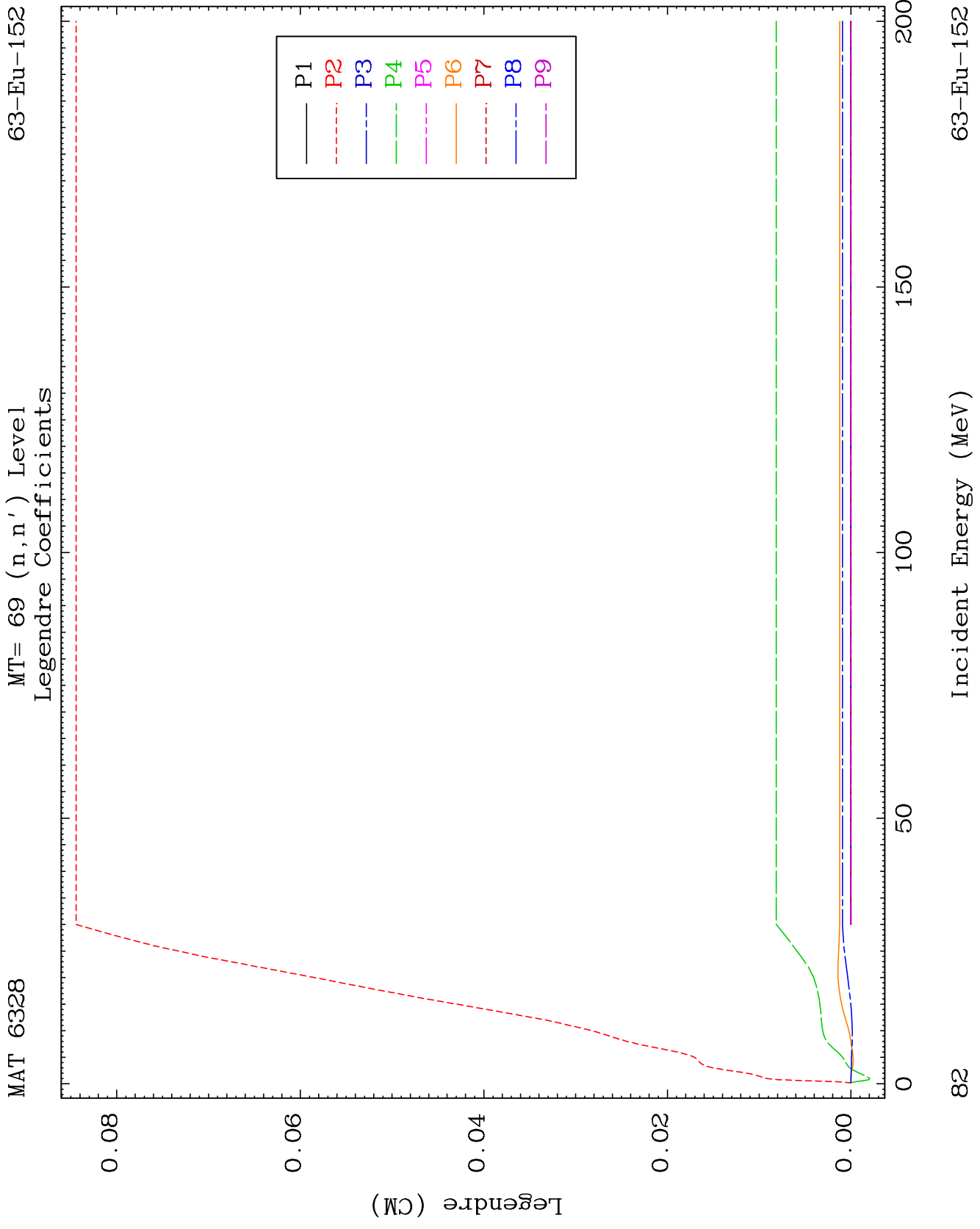
79

Incident Energy (MeV)

63-Eu-152



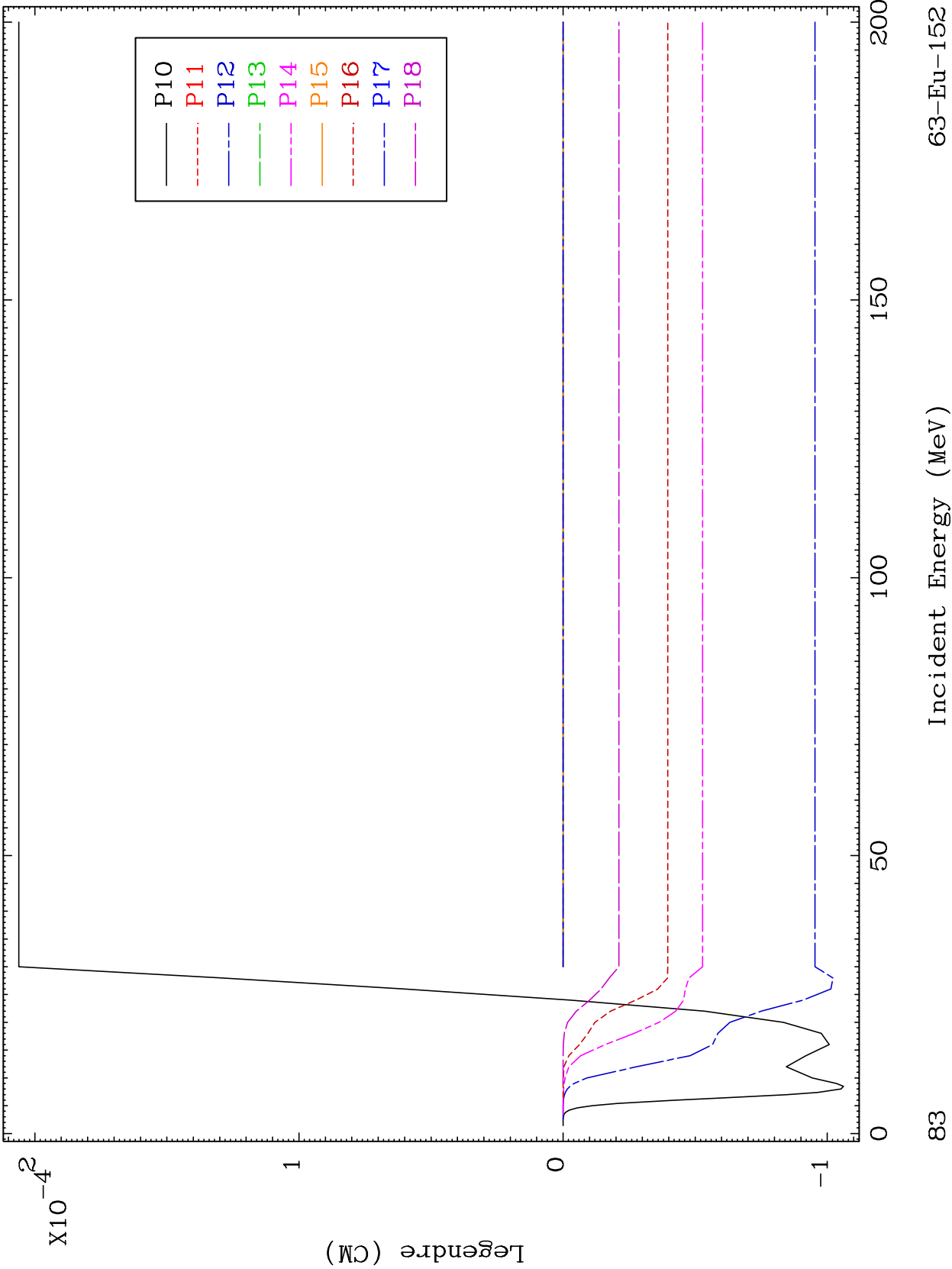




MAT 6328

MT= 69 (n,n') Level
Legendre Coefficients

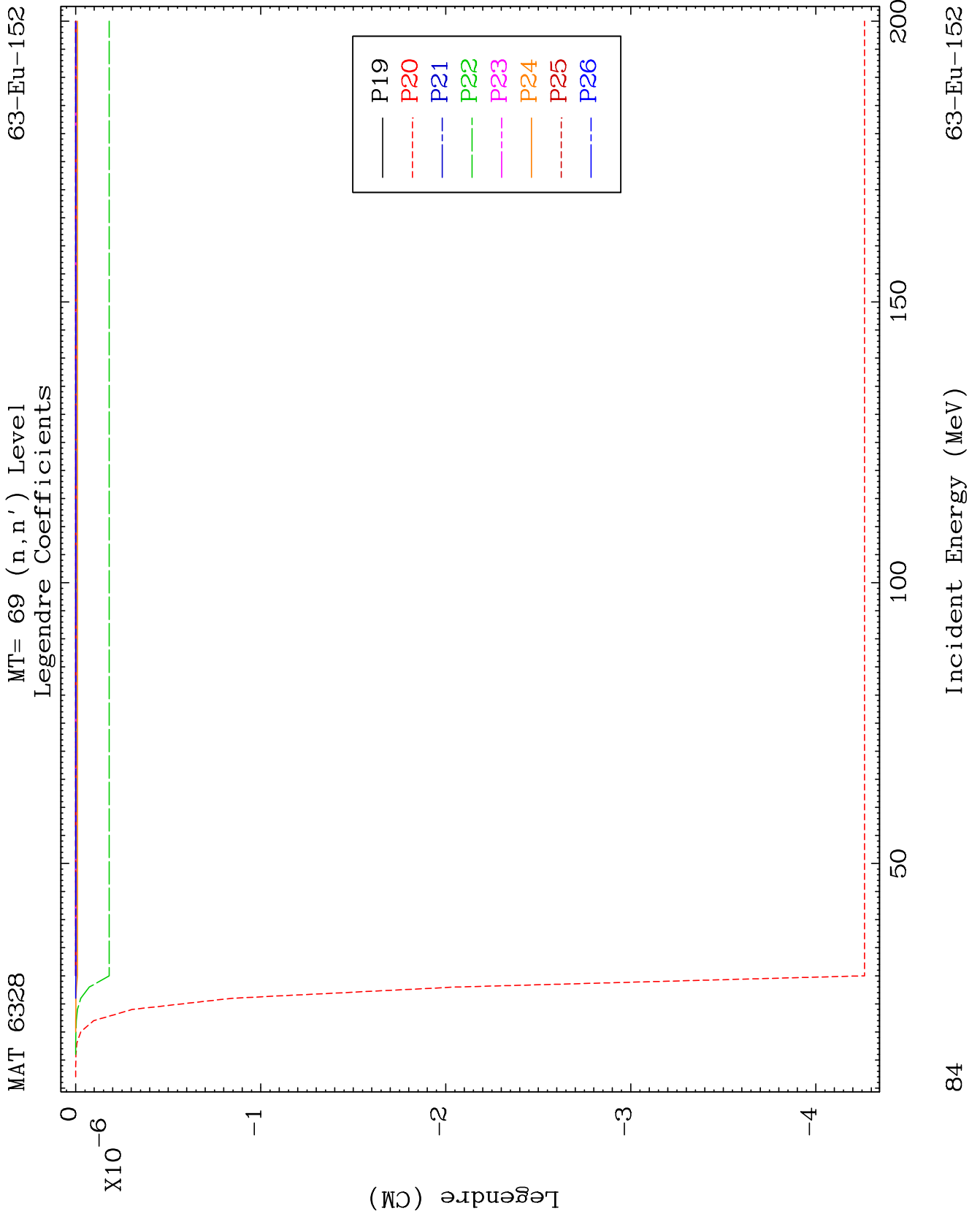
63-Eu-152



63-Eu-152

Incident Energy (MeV)

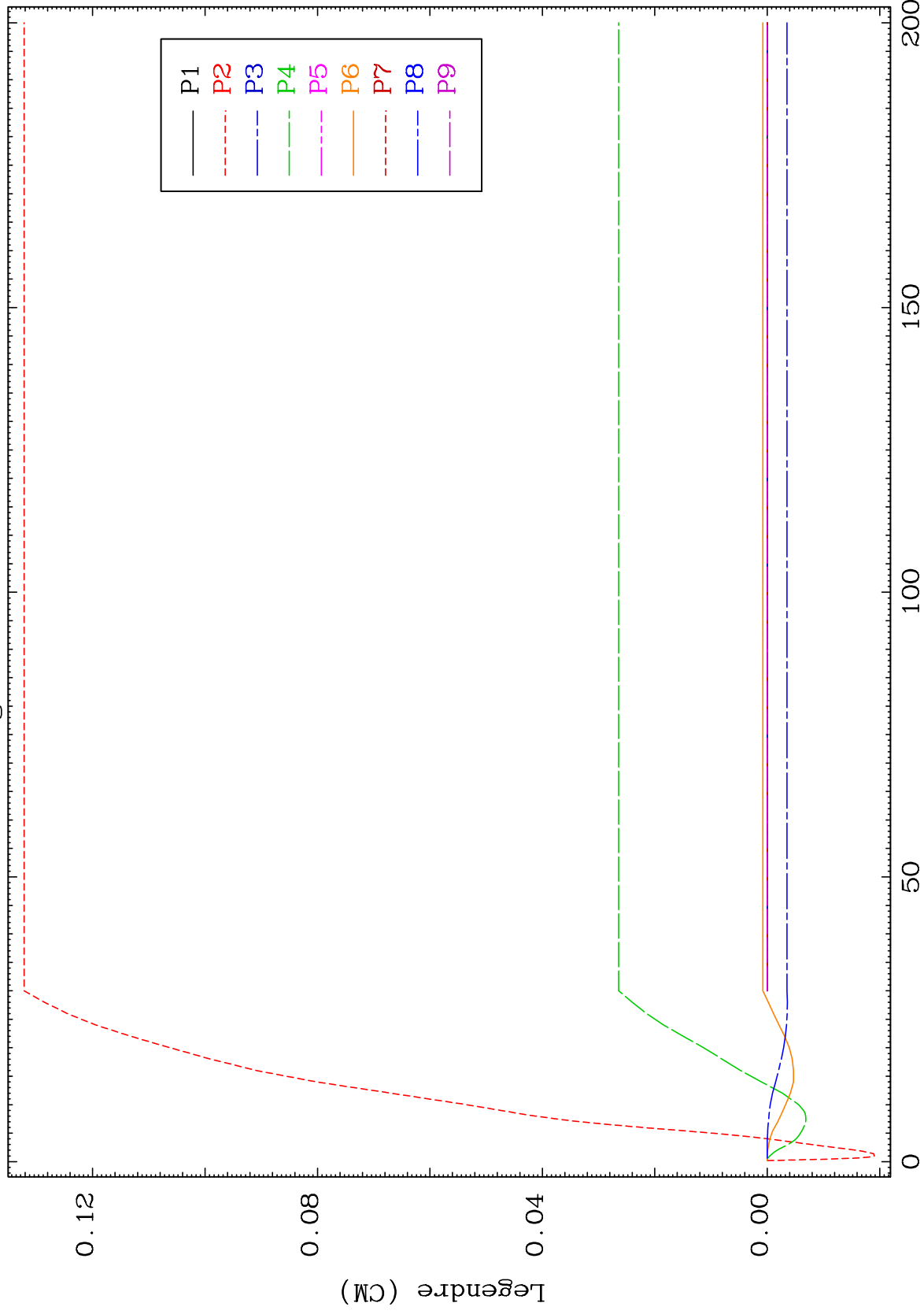
83



MAT 6328

MT= 70 (n,n') Level
Legendre Coefficients

63-Eu-152



85

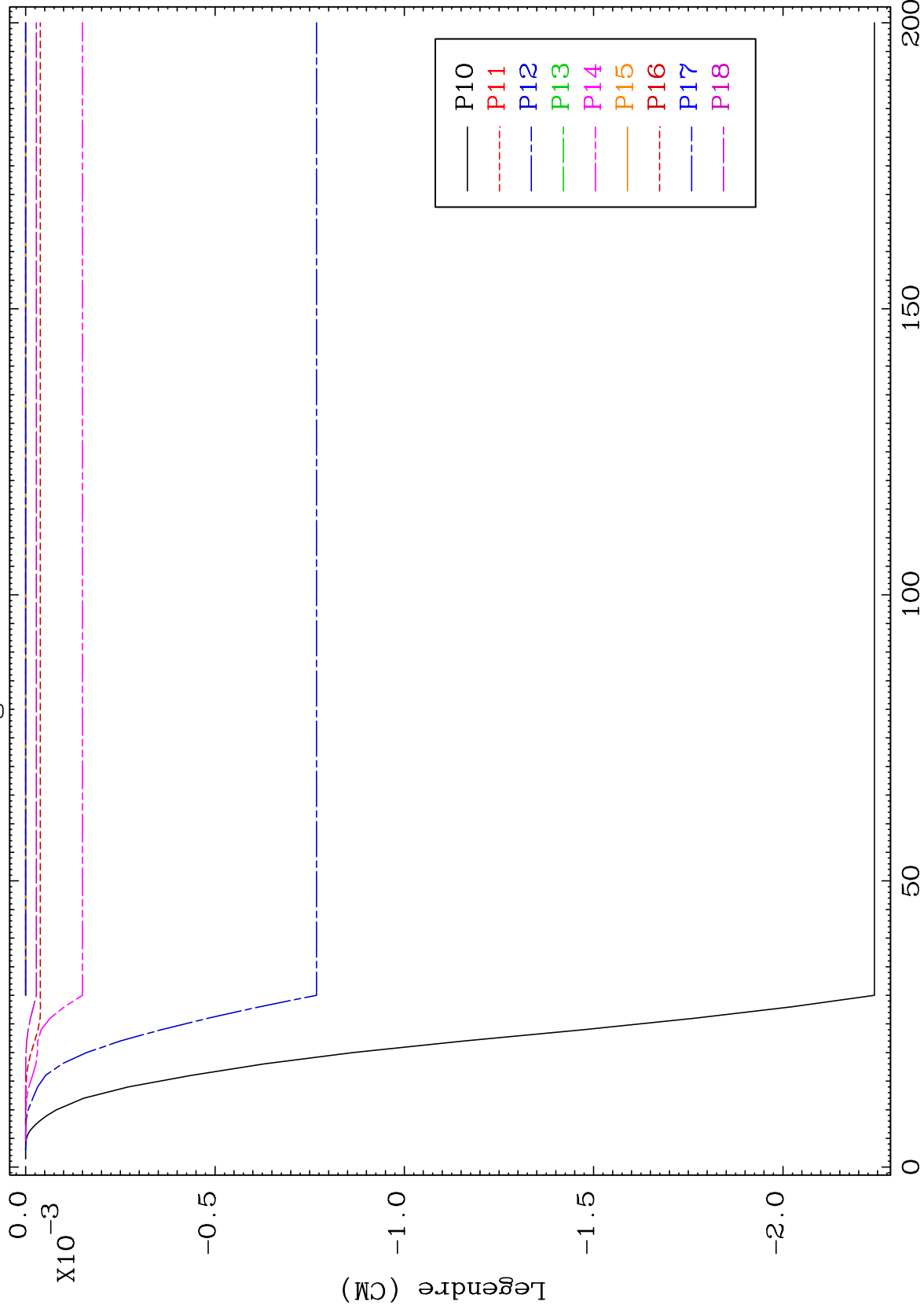
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 70 (n,n') Level
Legendre Coefficients

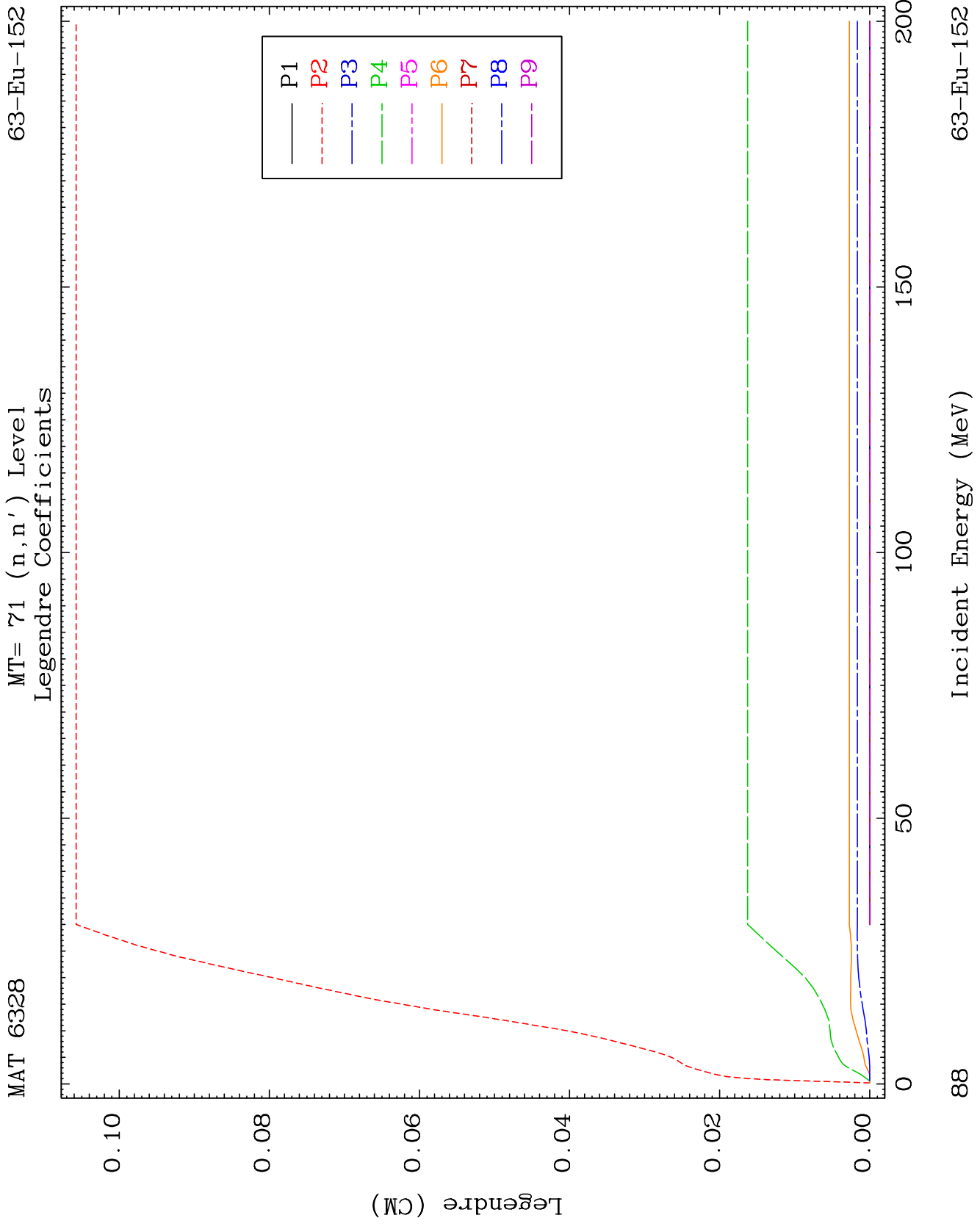
63-Eu-152

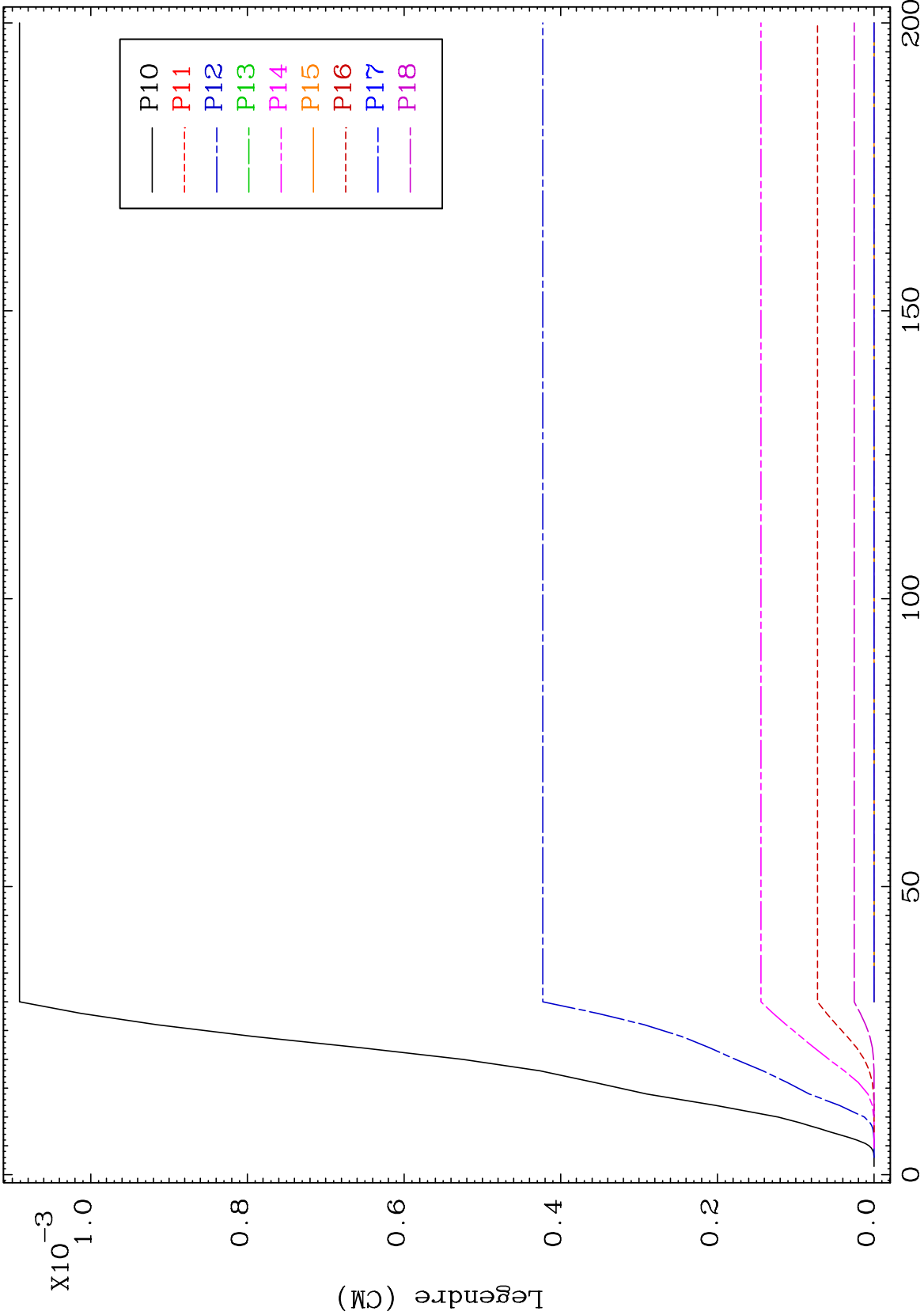


86

Incident Energy (MeV)

63-Eu-152

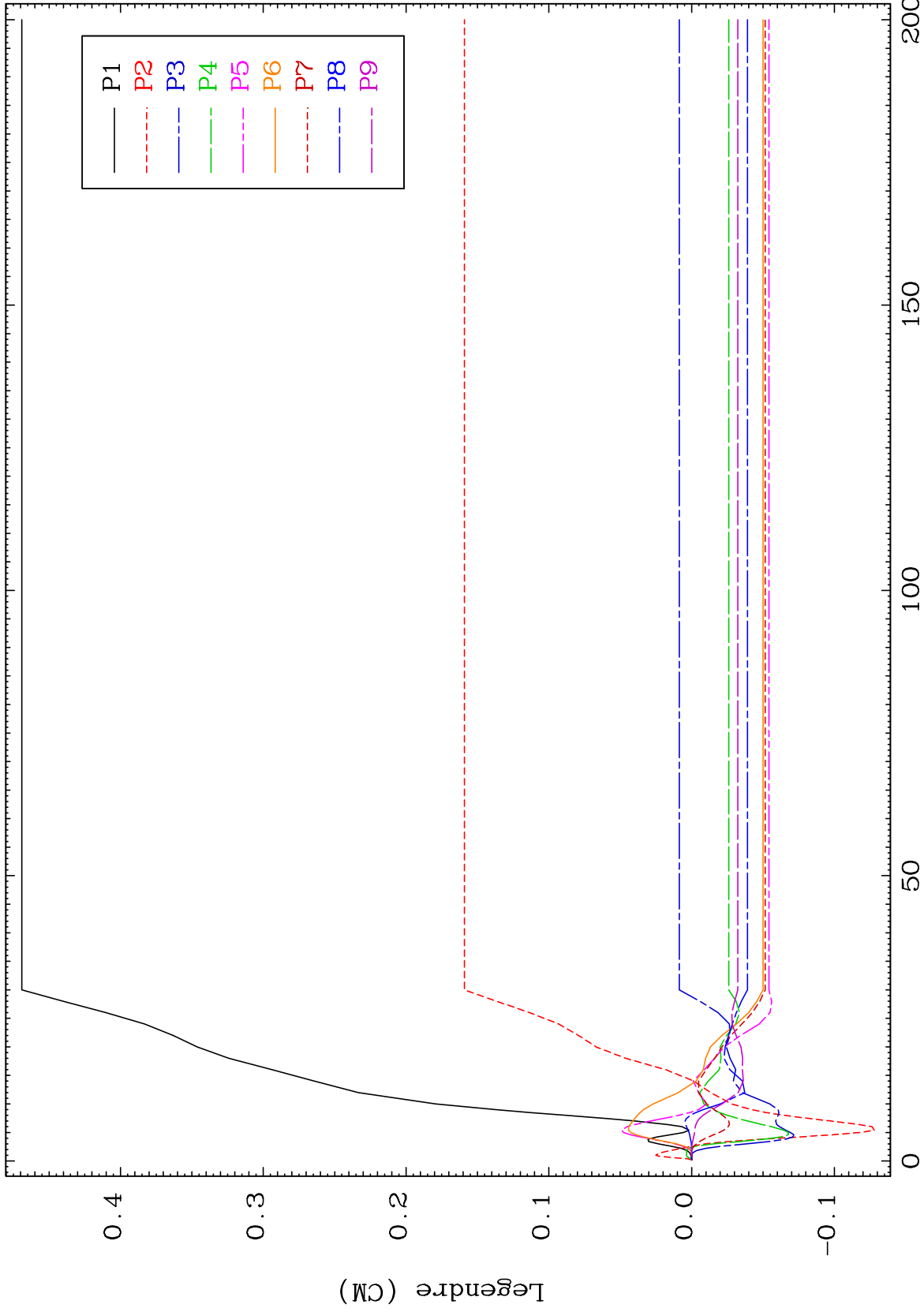




MAT 6328

MT= 72 (n,n') Level
Legendre Coefficients

63-Eu-152



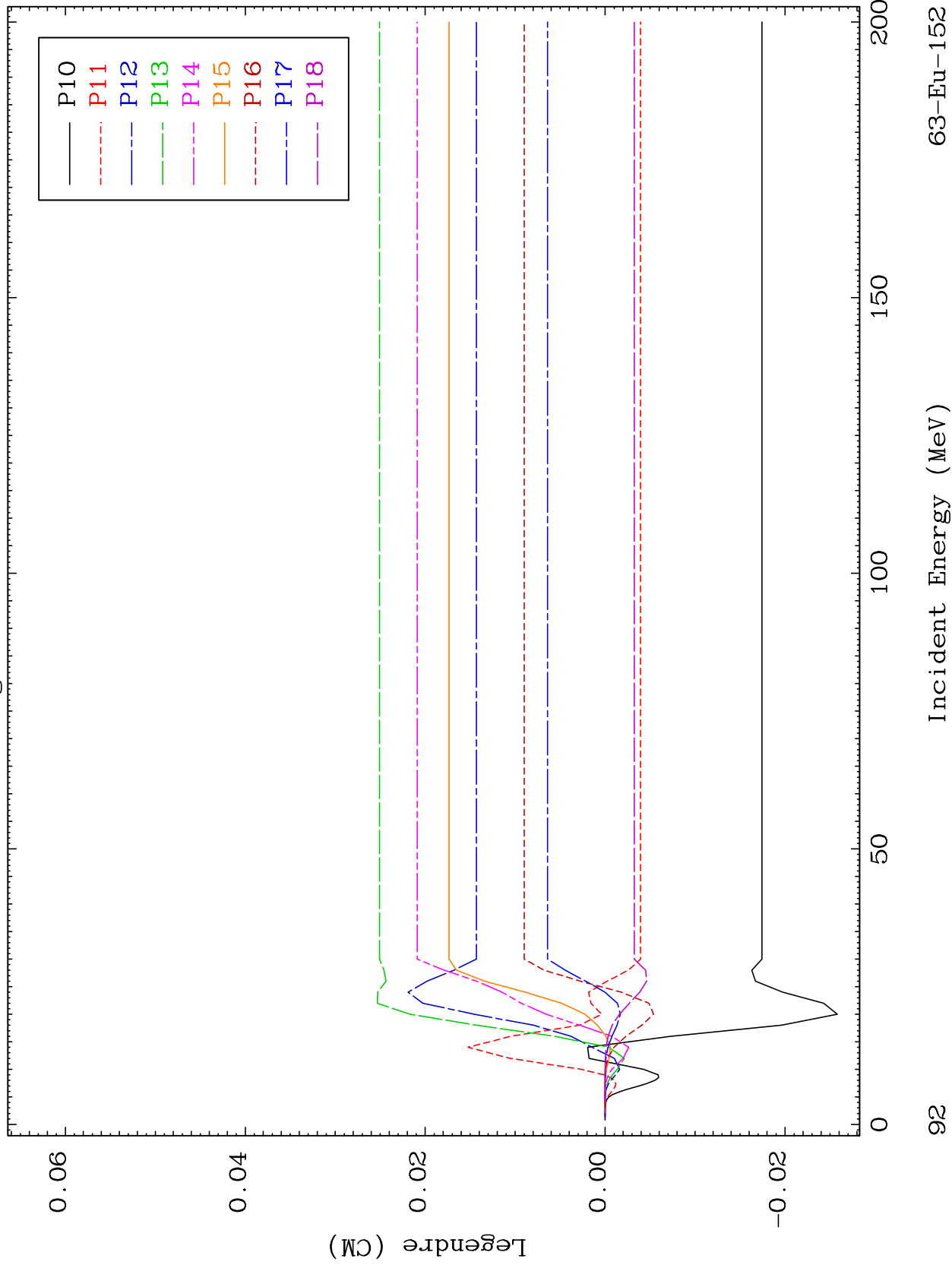
91

63-Eu-152

MAT 6328

MT= 72 (n,n') Level
Legendre Coefficients

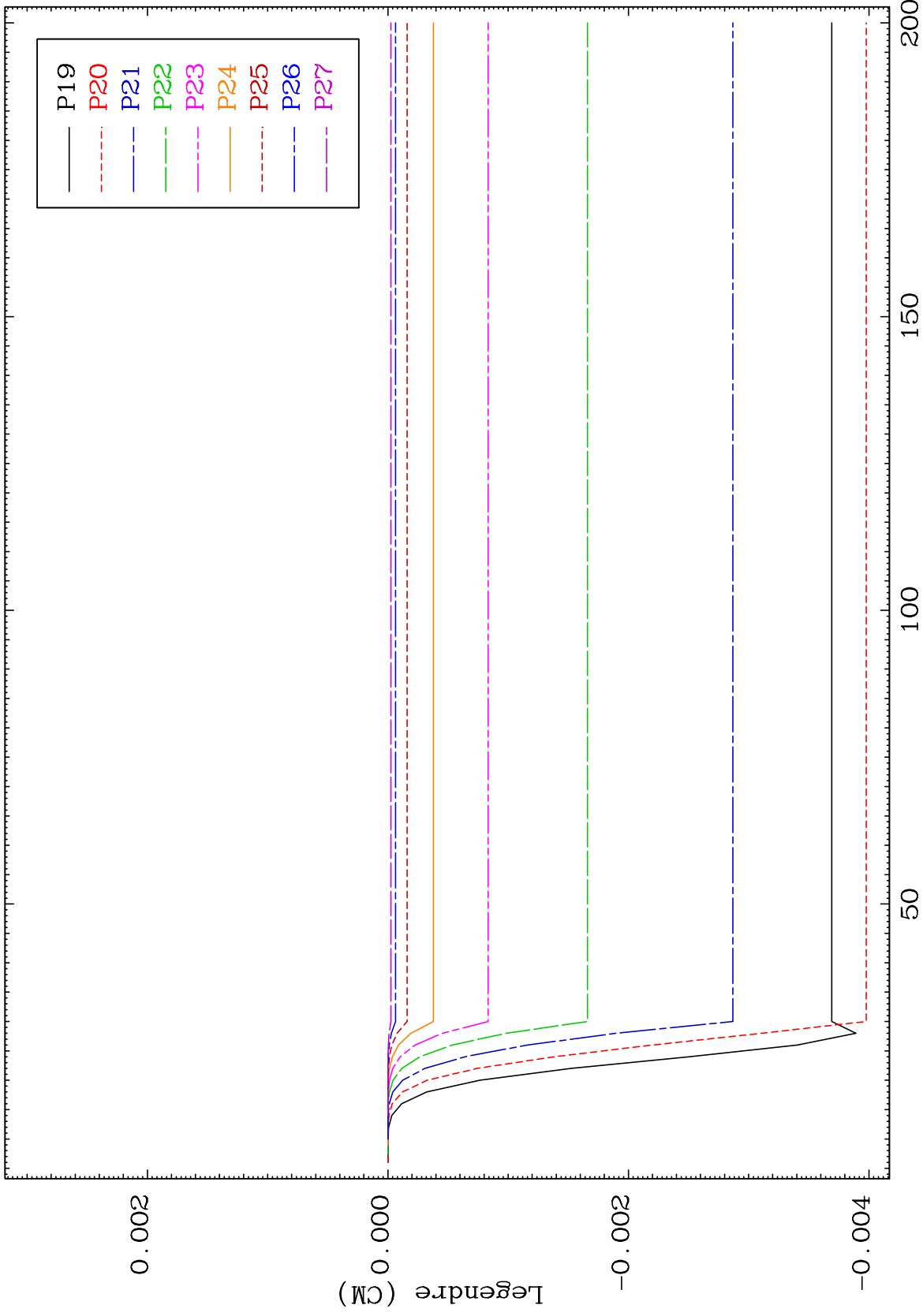
63-Eu-152



MAT 6328

MT= 72 (n,n') Level
Legendre Coefficients

63-Eu-152



93

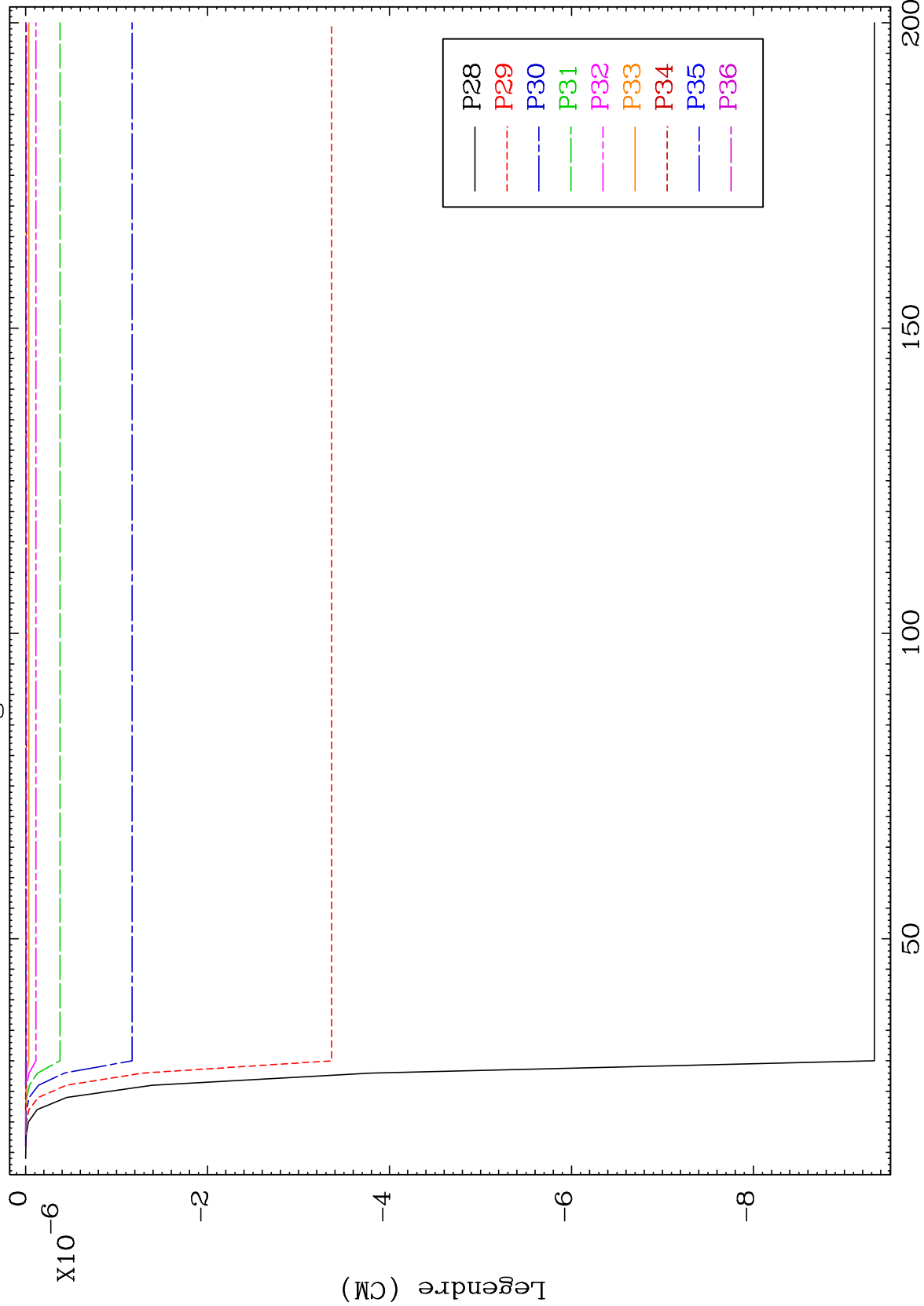
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 72 (n,n') Level
Legendre Coefficients

63-Eu-152



94

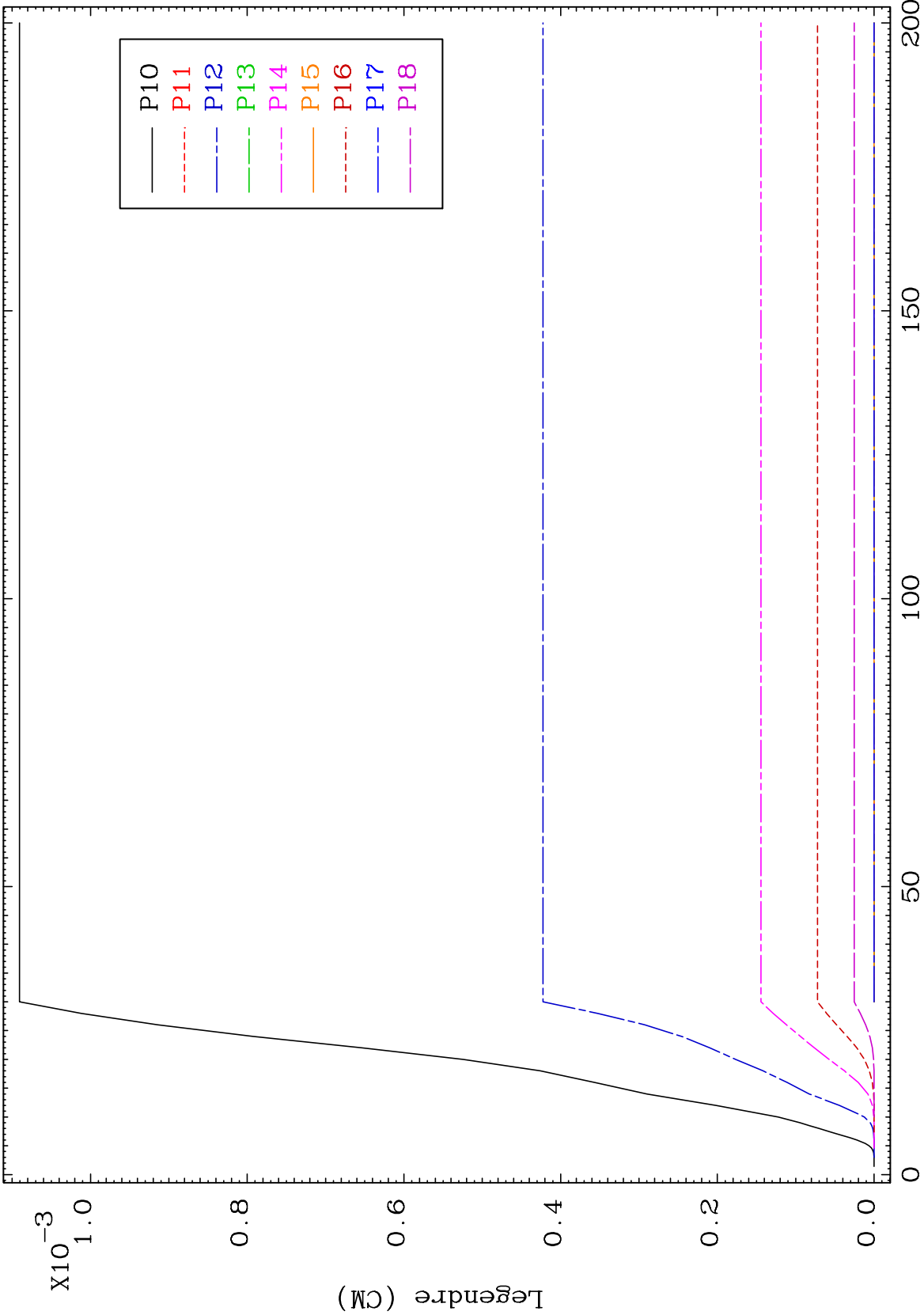
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 73 (n,n') Level
Legendre Coefficients

63-Eu-152



96

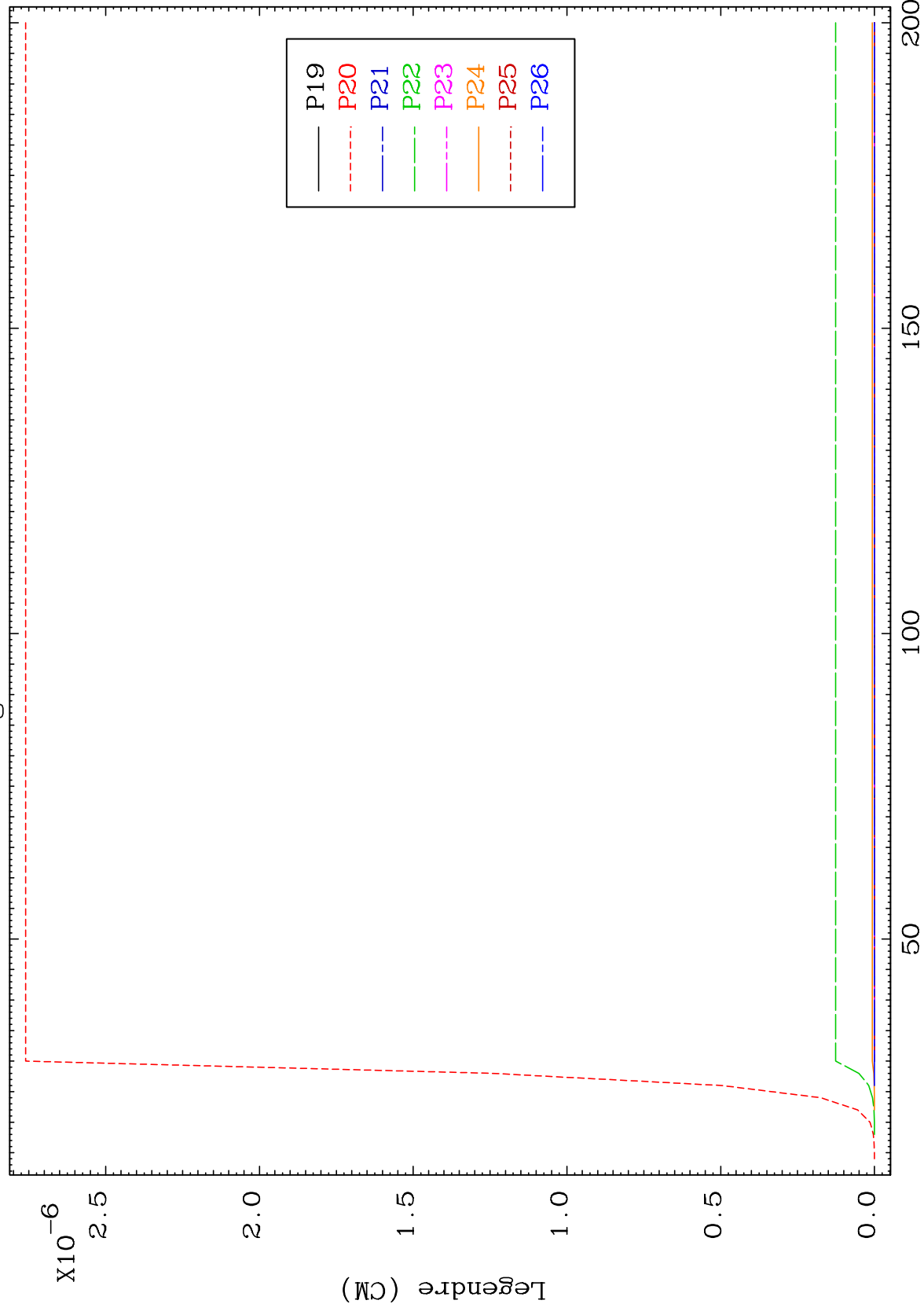
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 73 (n,n') Level
Legendre Coefficients

63-Eu-152



97

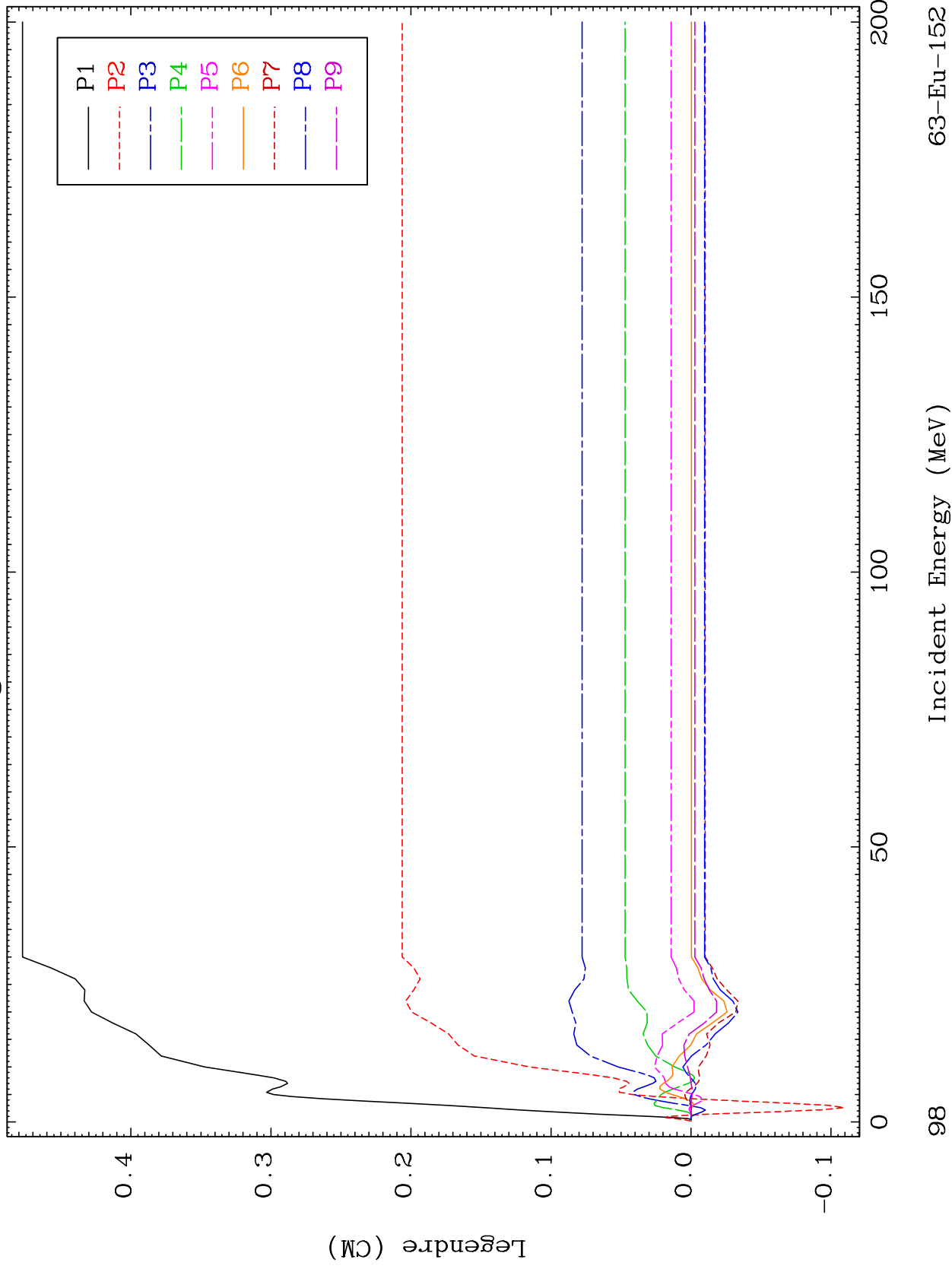
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 74 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

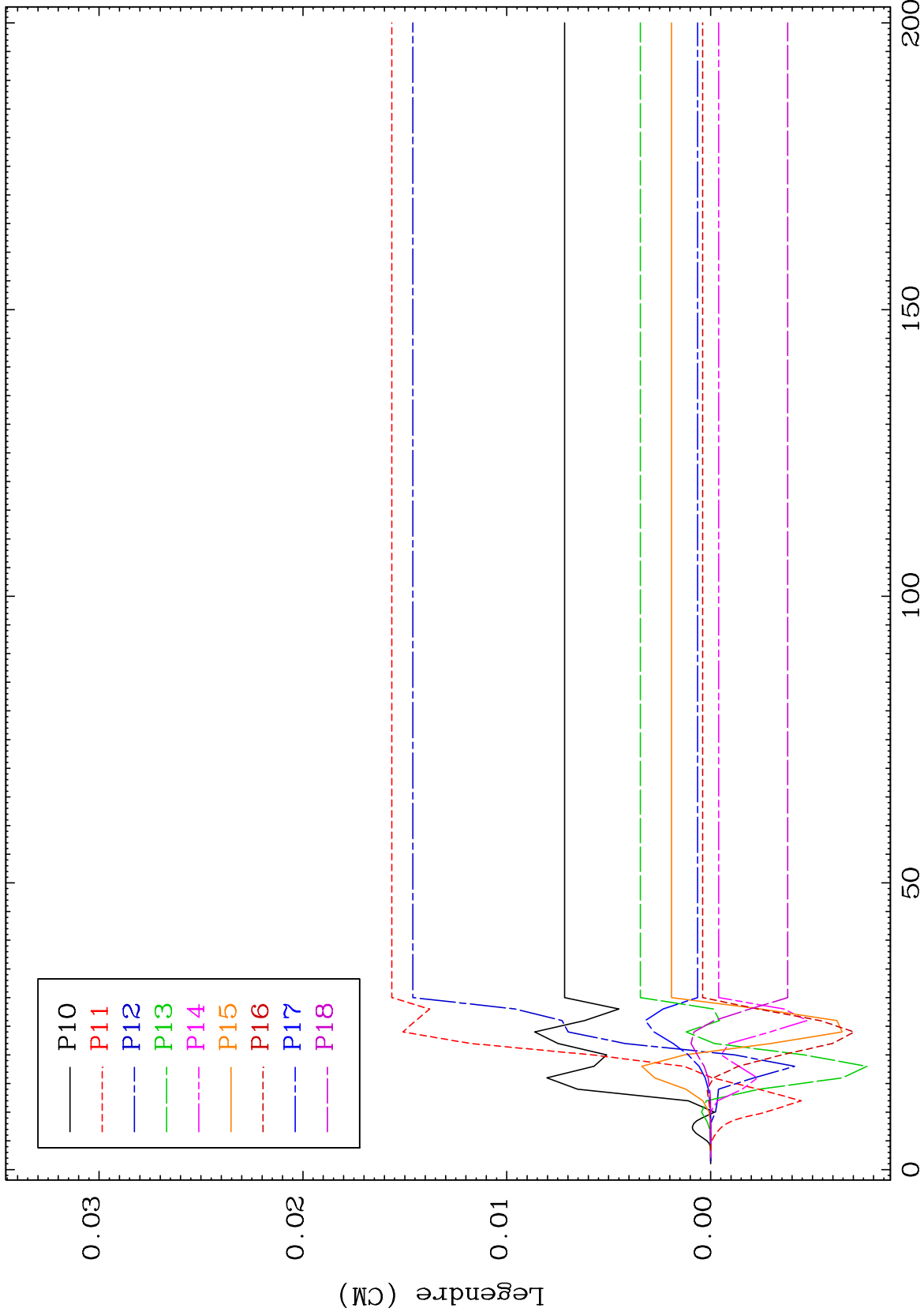
Incident Energy (MeV)

98

MAT 6328

MT= 74 (n,n') Level
Legendre Coefficients

63-Eu-152



99

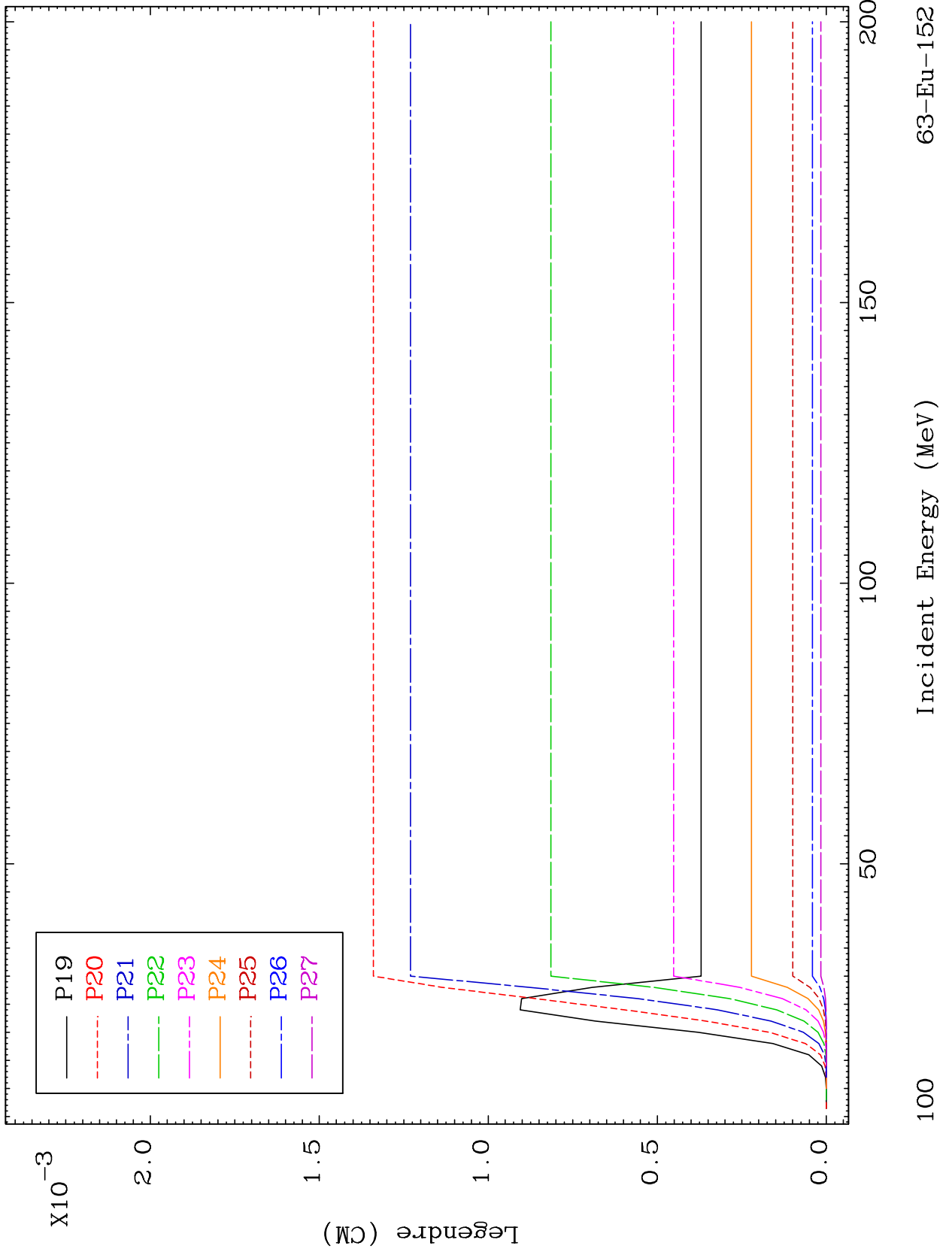
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 74 (n,n') Level
Legendre Coefficients

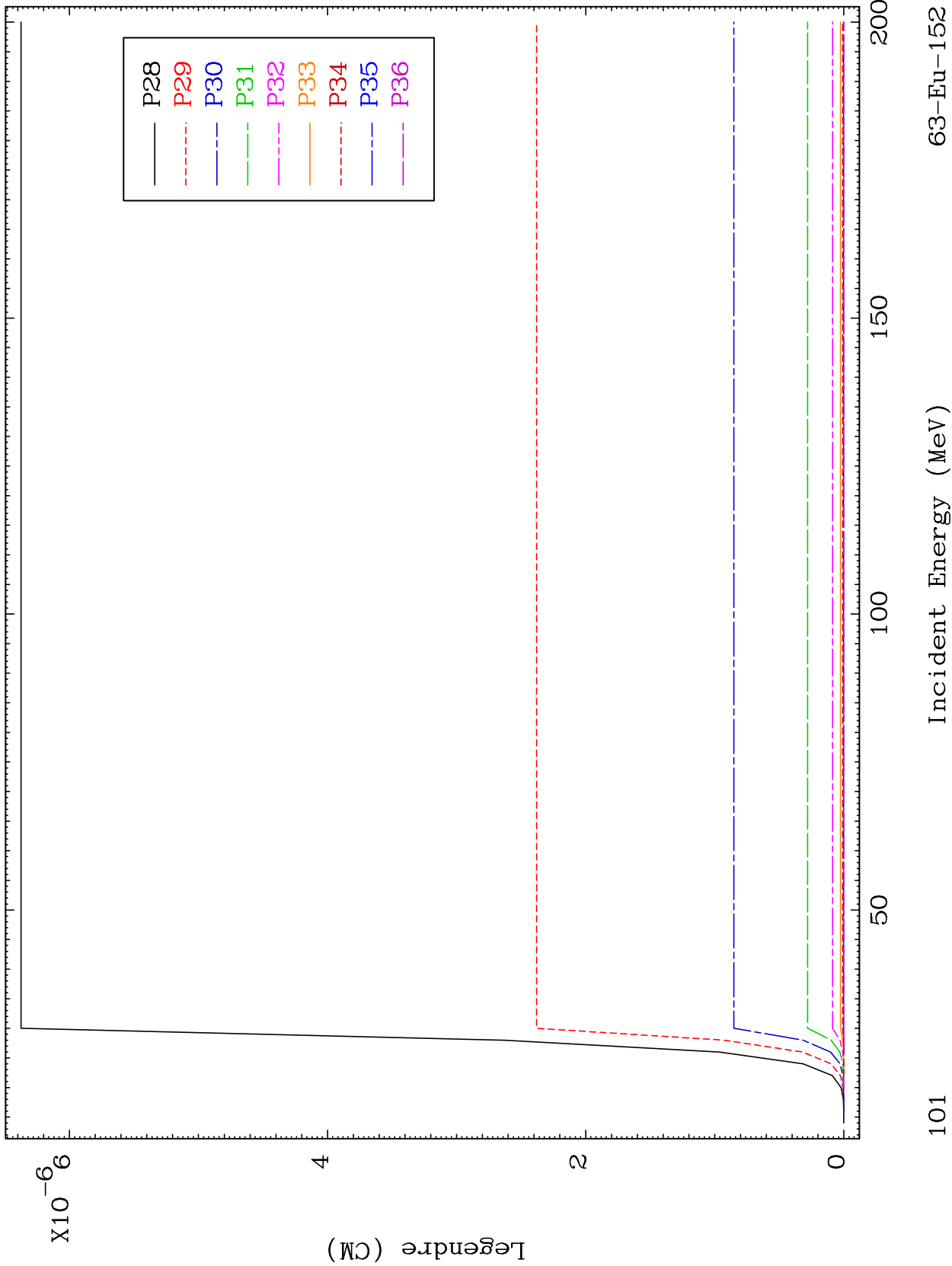
63-Eu-152



MAT 6328

MT= 74 (n,n') Level
Legendre Coefficients

63-Eu-152

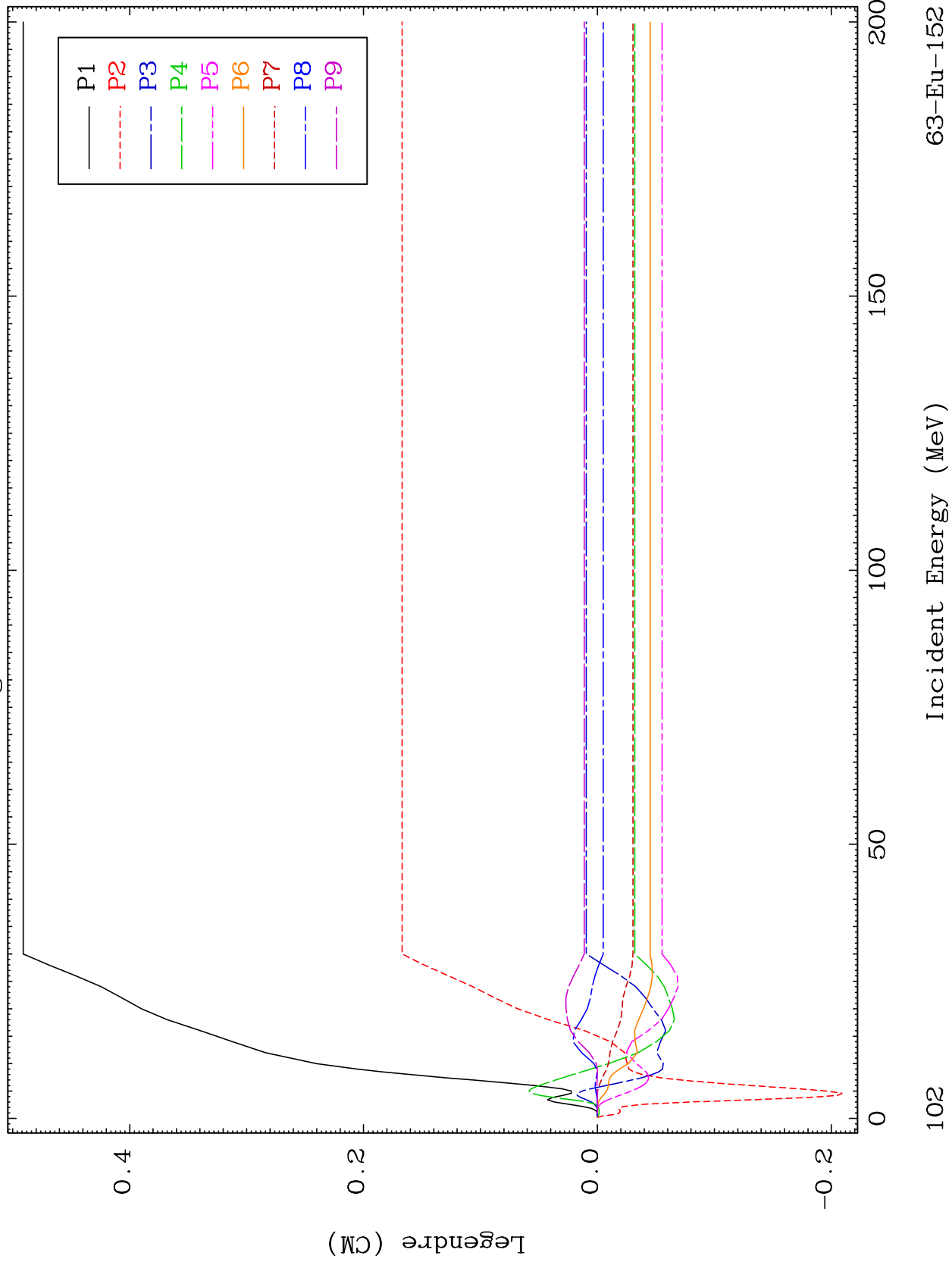


101

MAT 6328

MT= 75 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

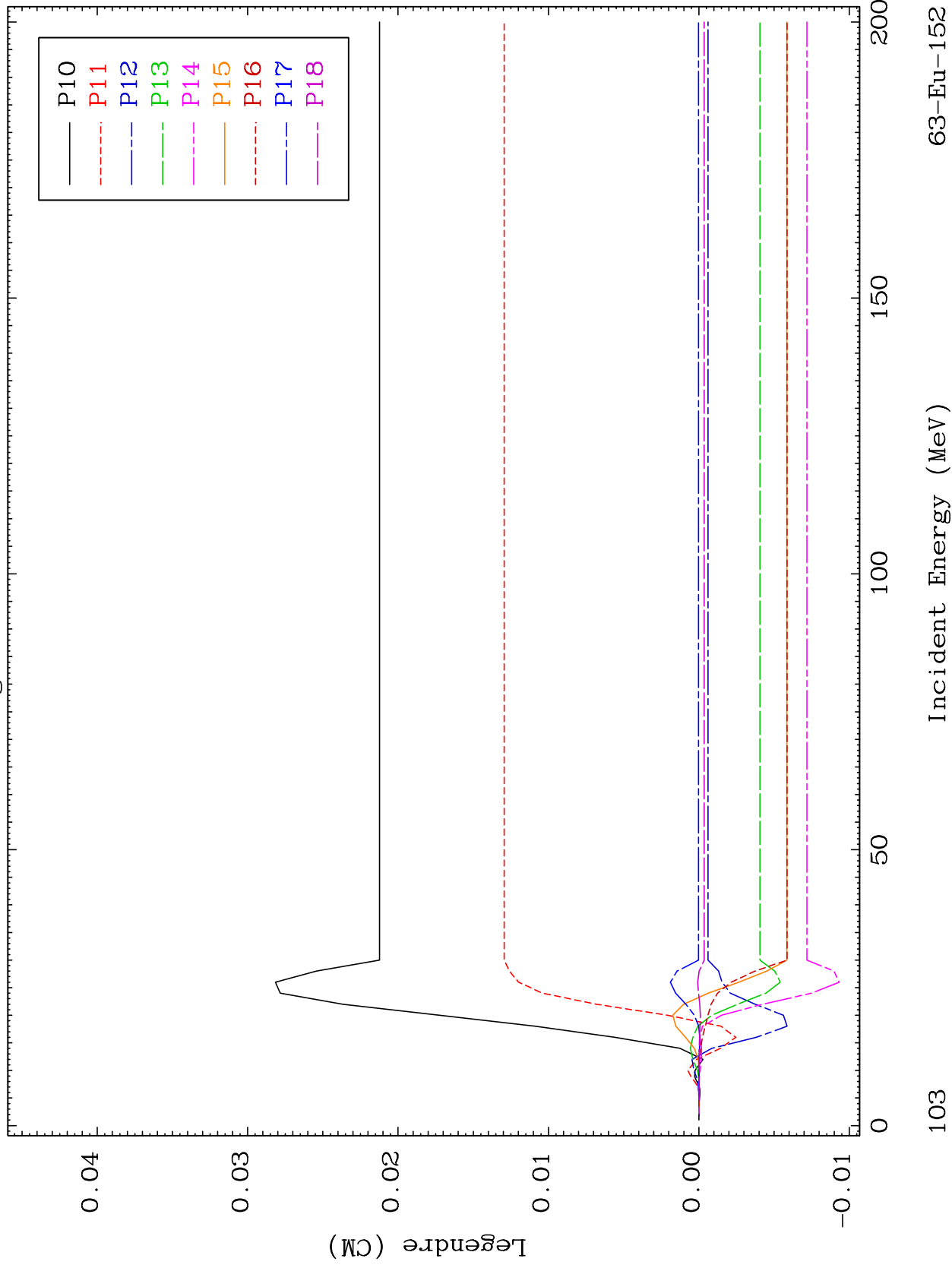
Incident Energy (MeV)

102

MAT 6328

MT= 75 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

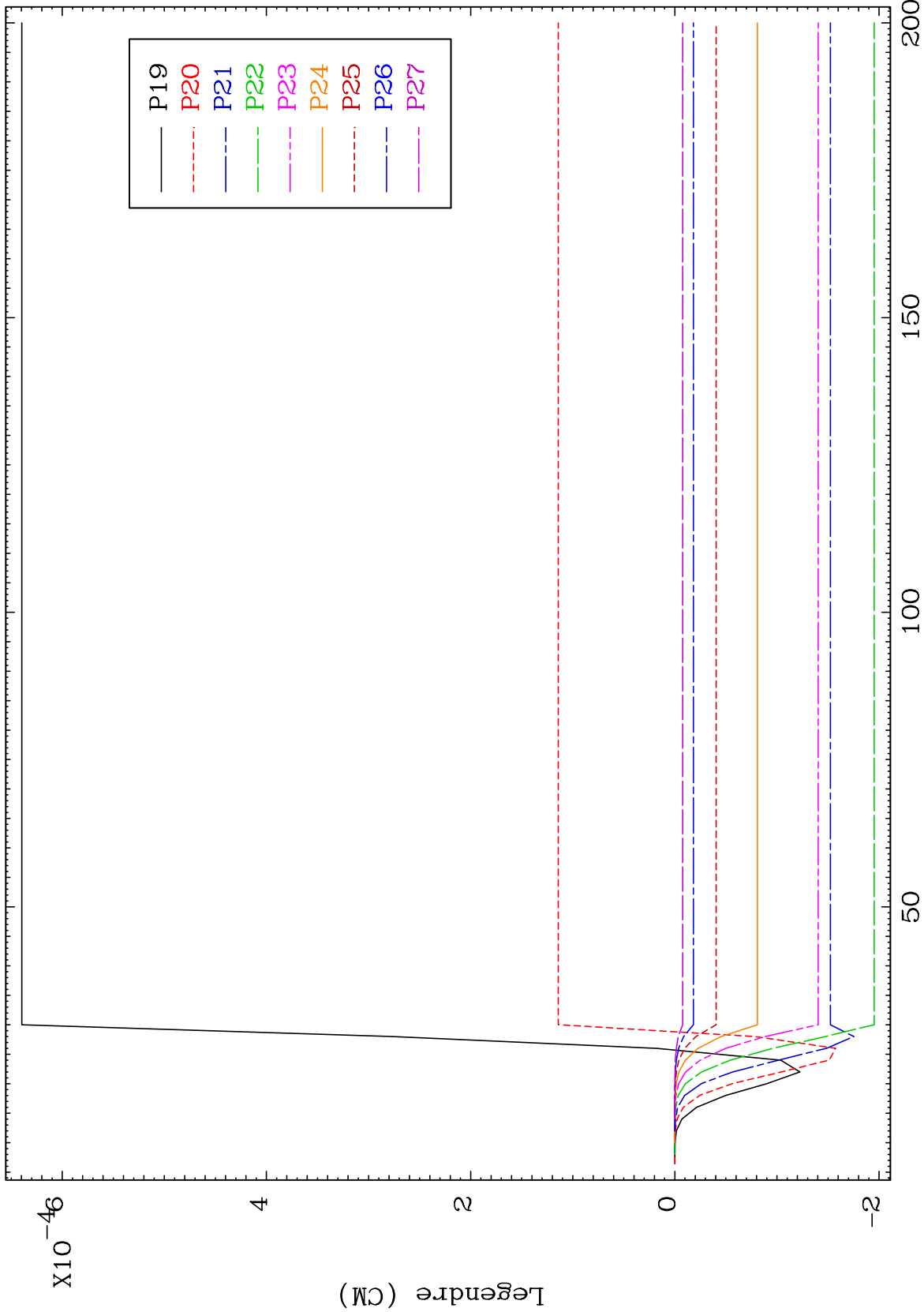
Incident Energy (MeV)

103

MAT 6328

MT= 75 (n,n') Level
Legendre Coefficients

63-Eu-152



104

Incident Energy (MeV)

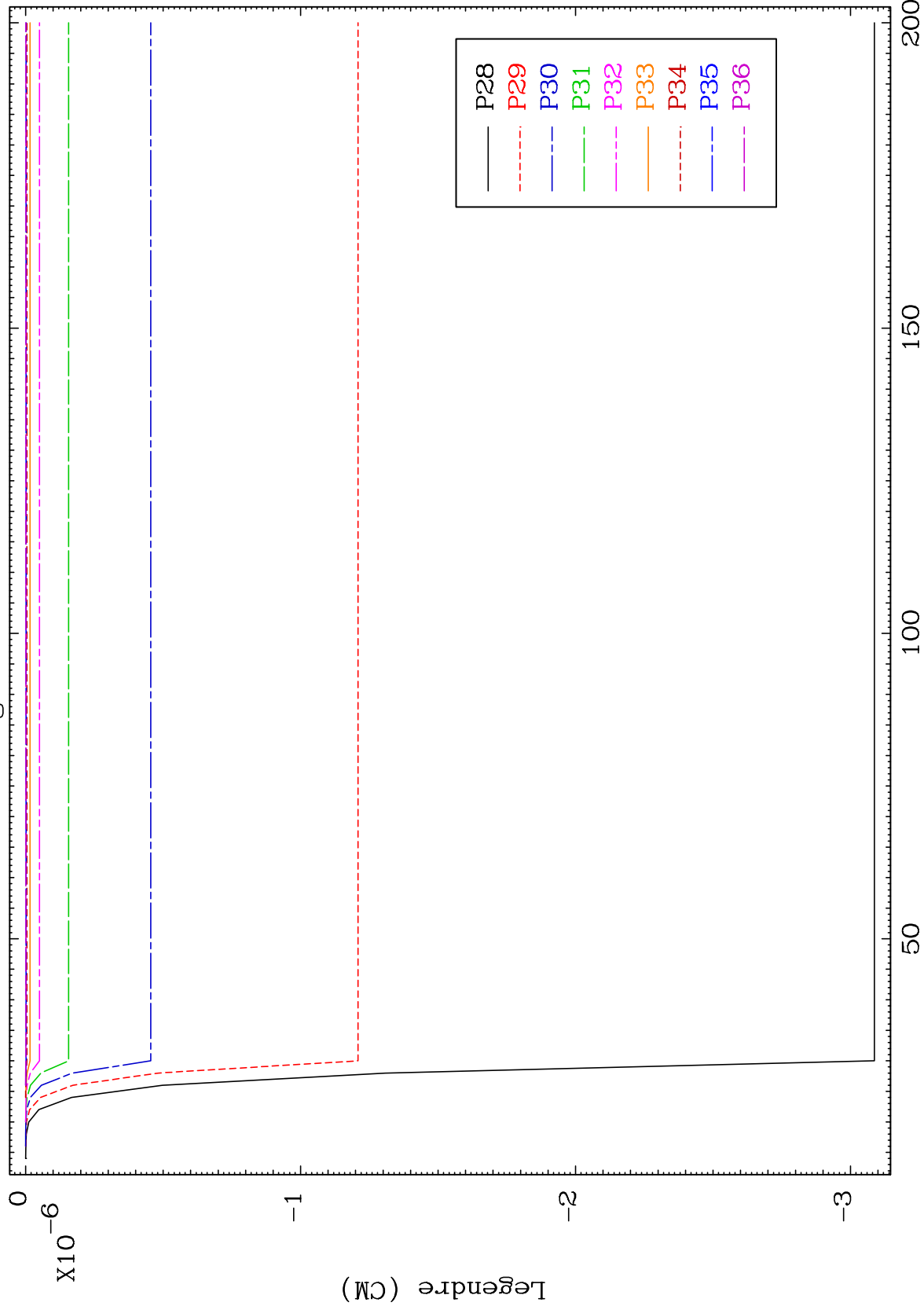
63-Eu-152

MAT 6328

MT= 75 (n,n') Level

63-Eu-152

Legendre Coefficients



63-Eu-152

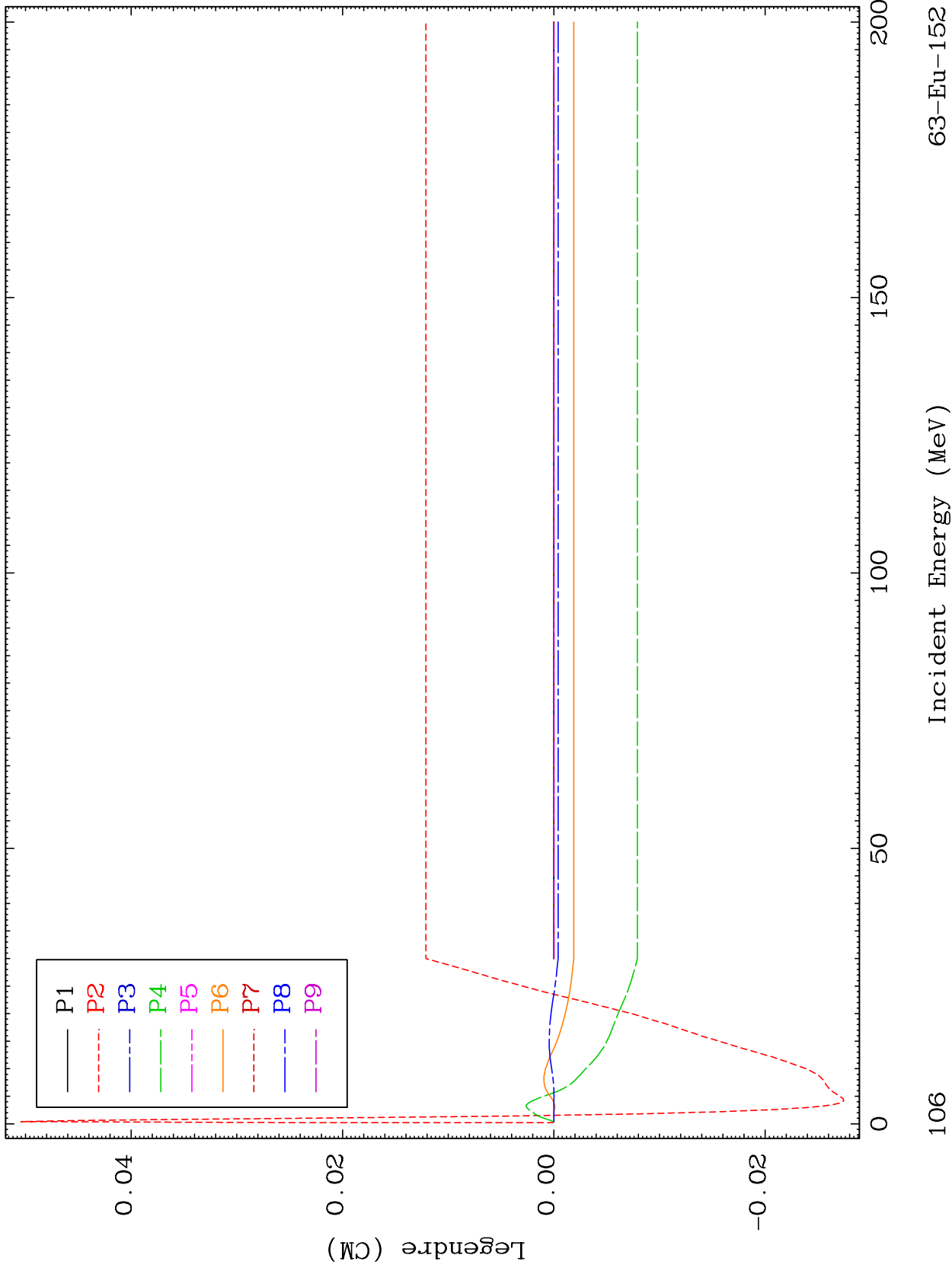
Incident Energy (MeV)

105

MAT 6328

MT= 76 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

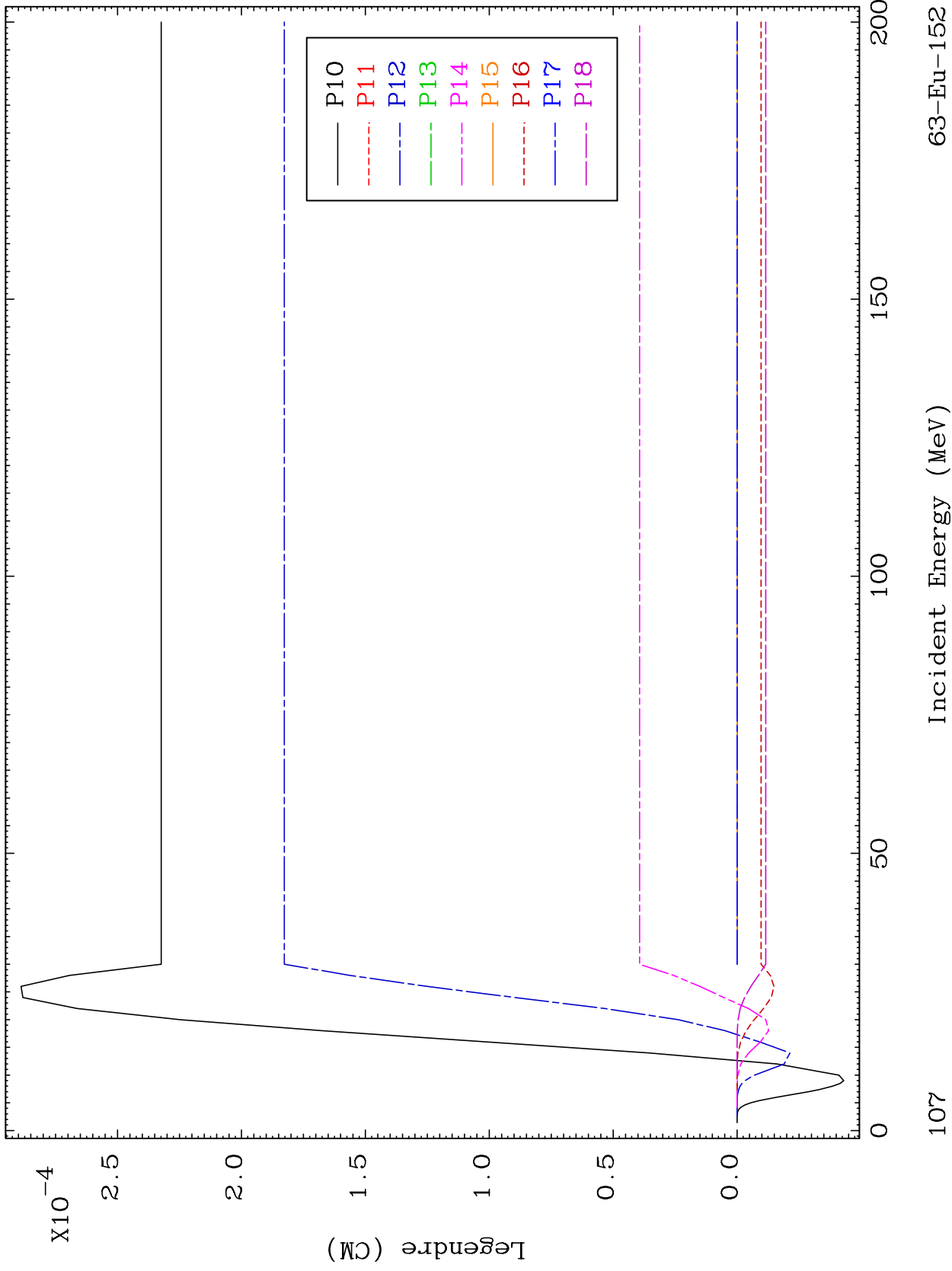
Incident Energy (MeV)

106

MAT 6328

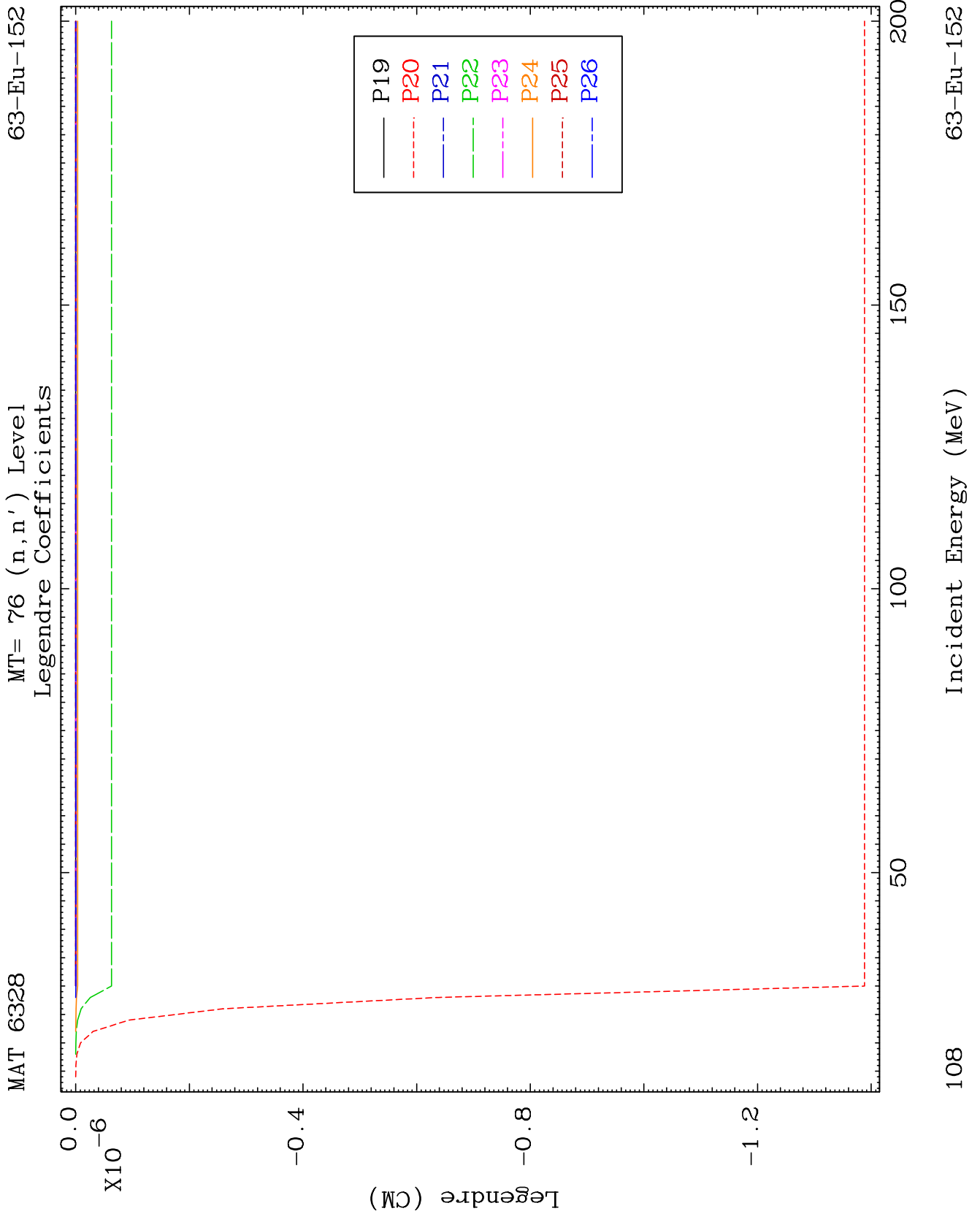
MT= 76 (n,n') Level
Legendre Coefficients

63-Eu-152



107

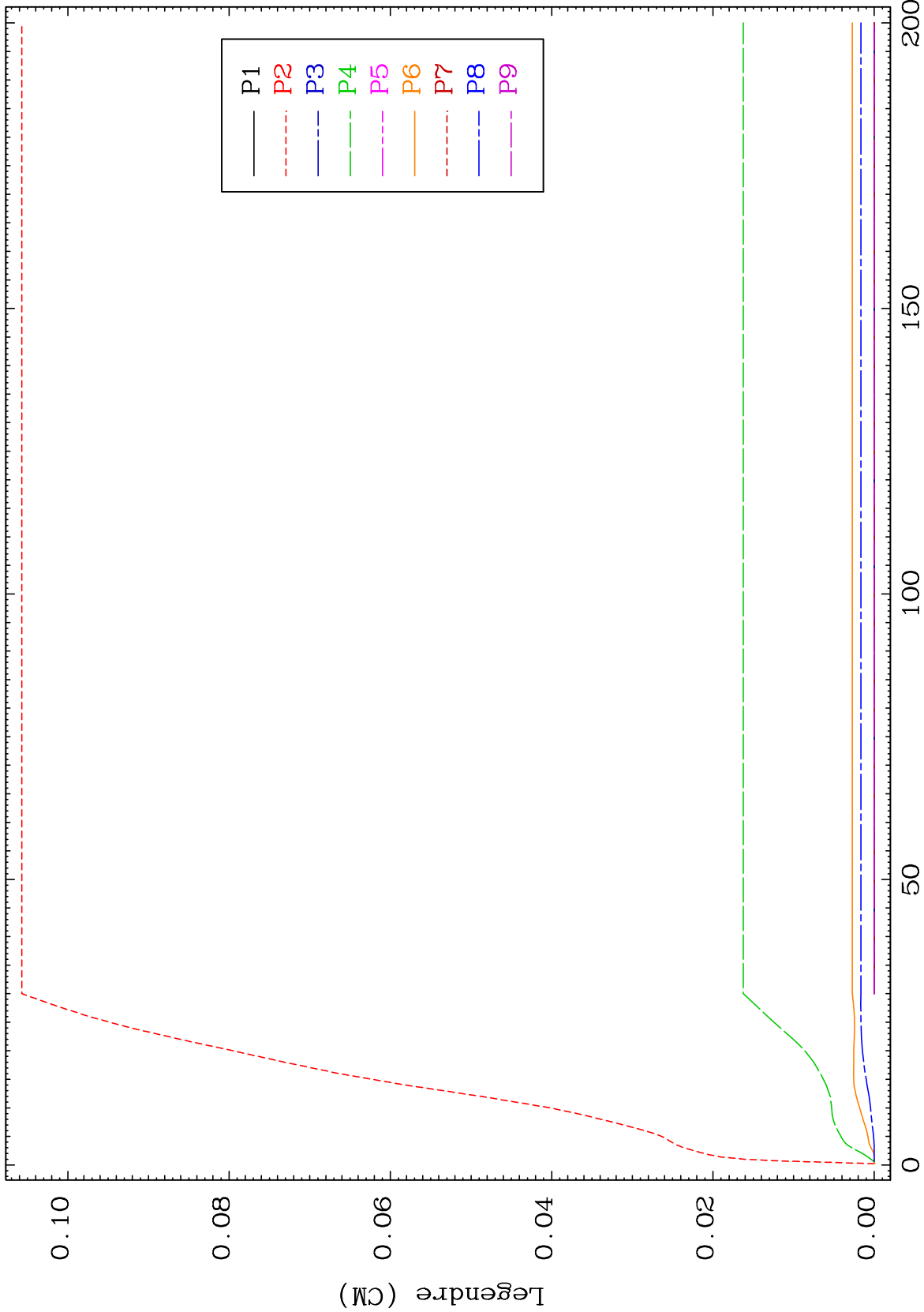
63-Eu-152



MAT 6328

MT= 77 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

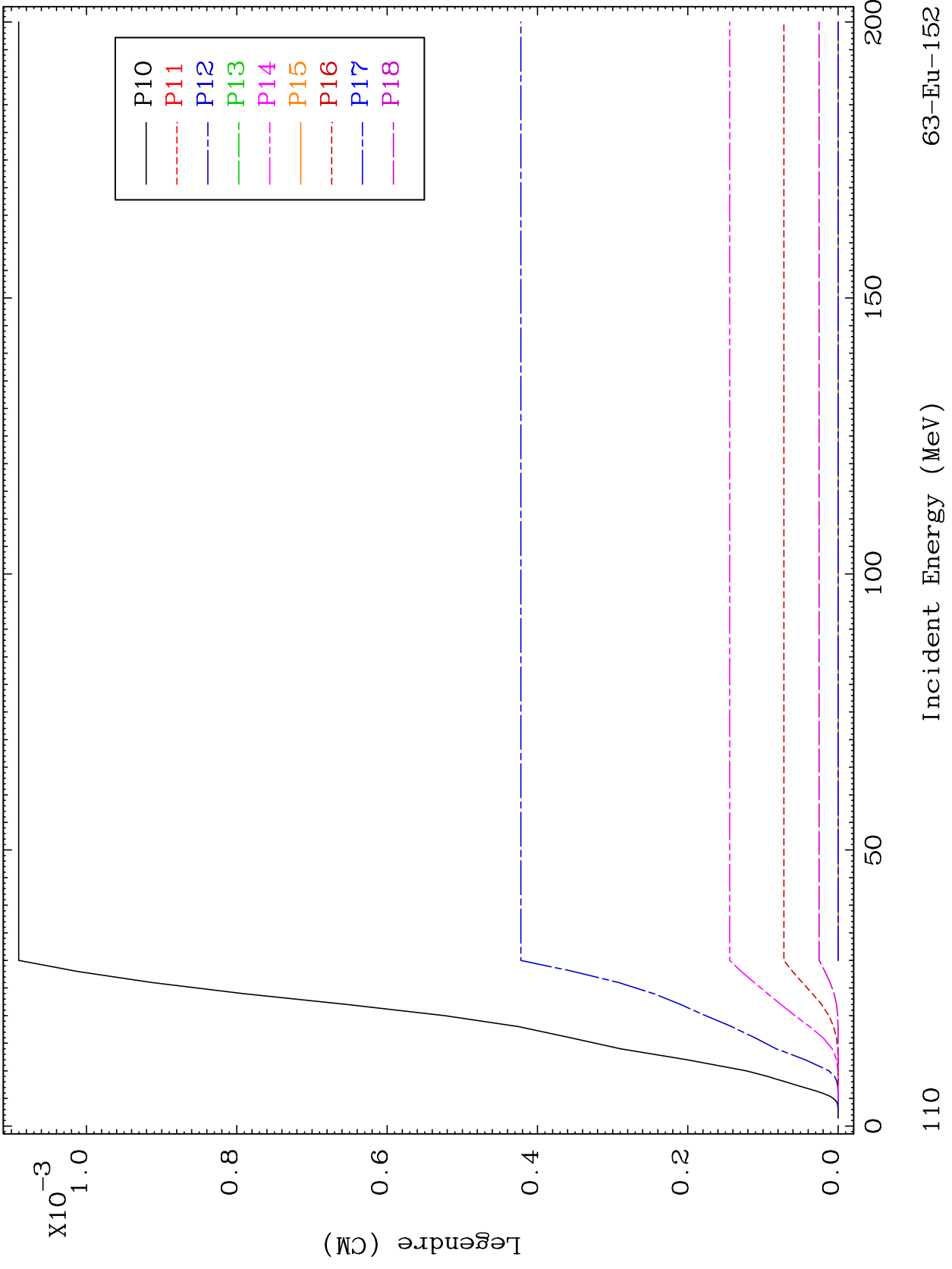
Incident Energy (MeV)

109

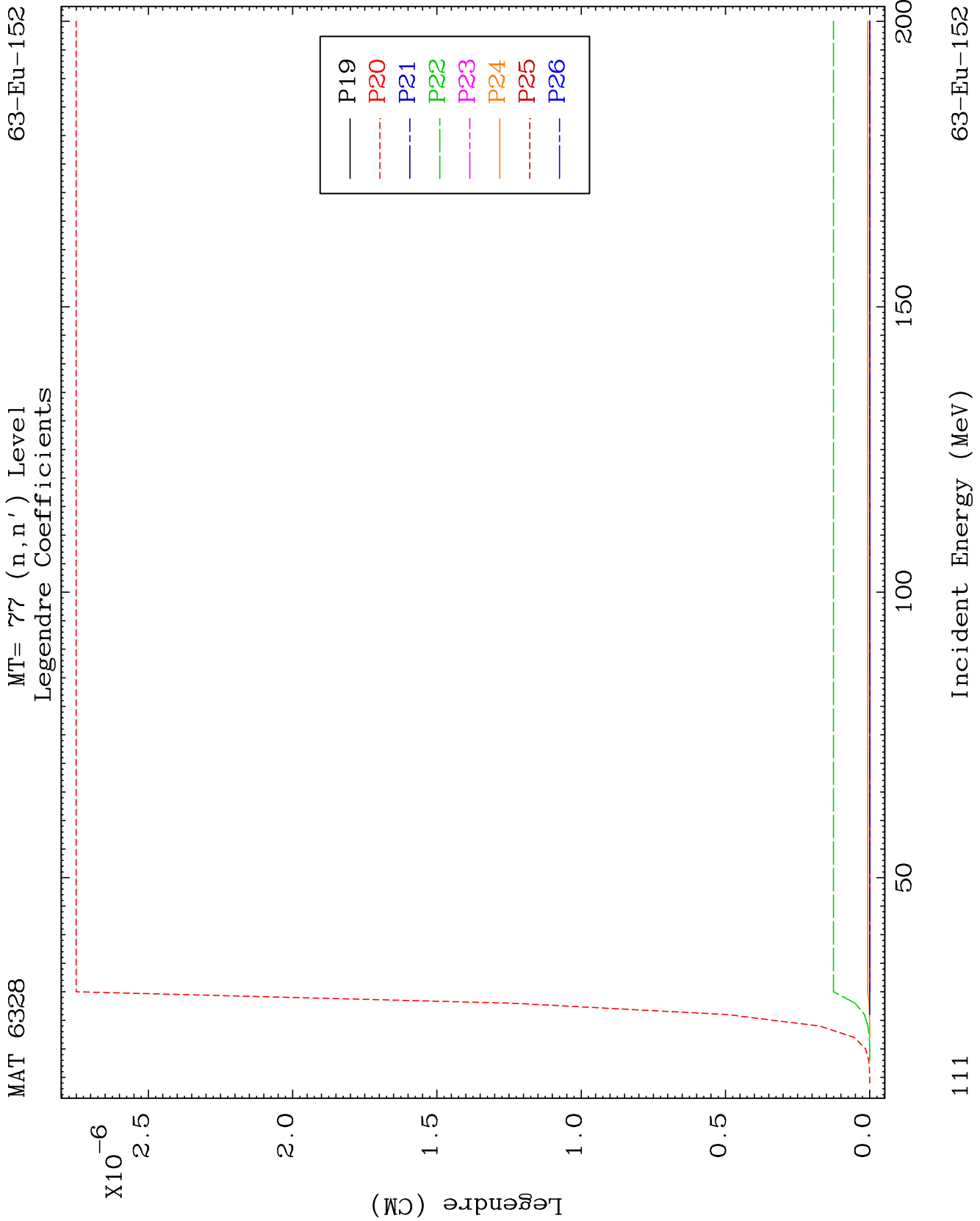
MAT 6328

MT= 77 (n,n') Level
Legendre Coefficients

63-Eu-152



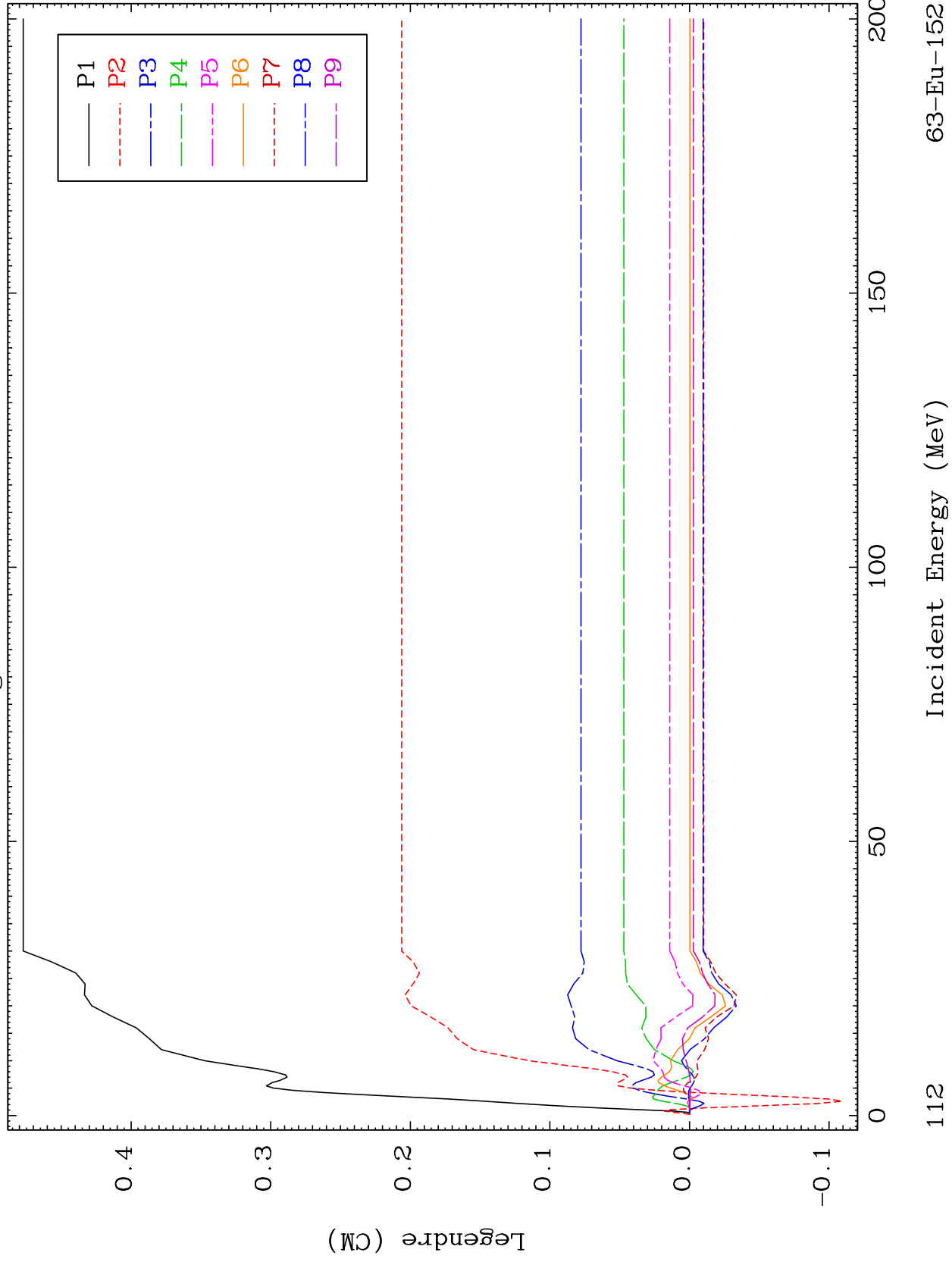
63-Eu-152



MAT 6328

MT= 78 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

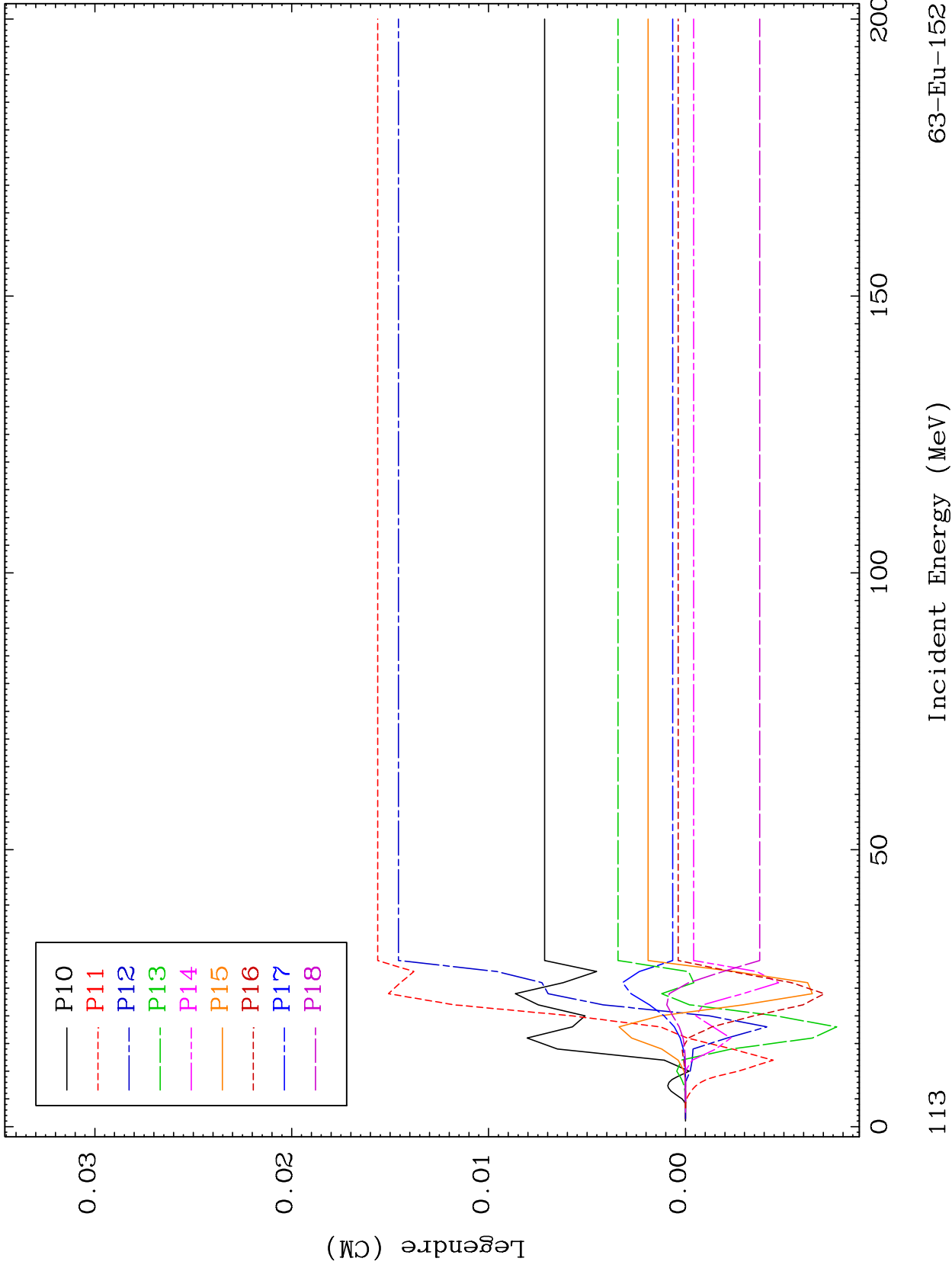
Incident Energy (MeV)

112

MAT 6328

MT= 78 (n,n') Level
Legendre Coefficients

63-Eu-152



113

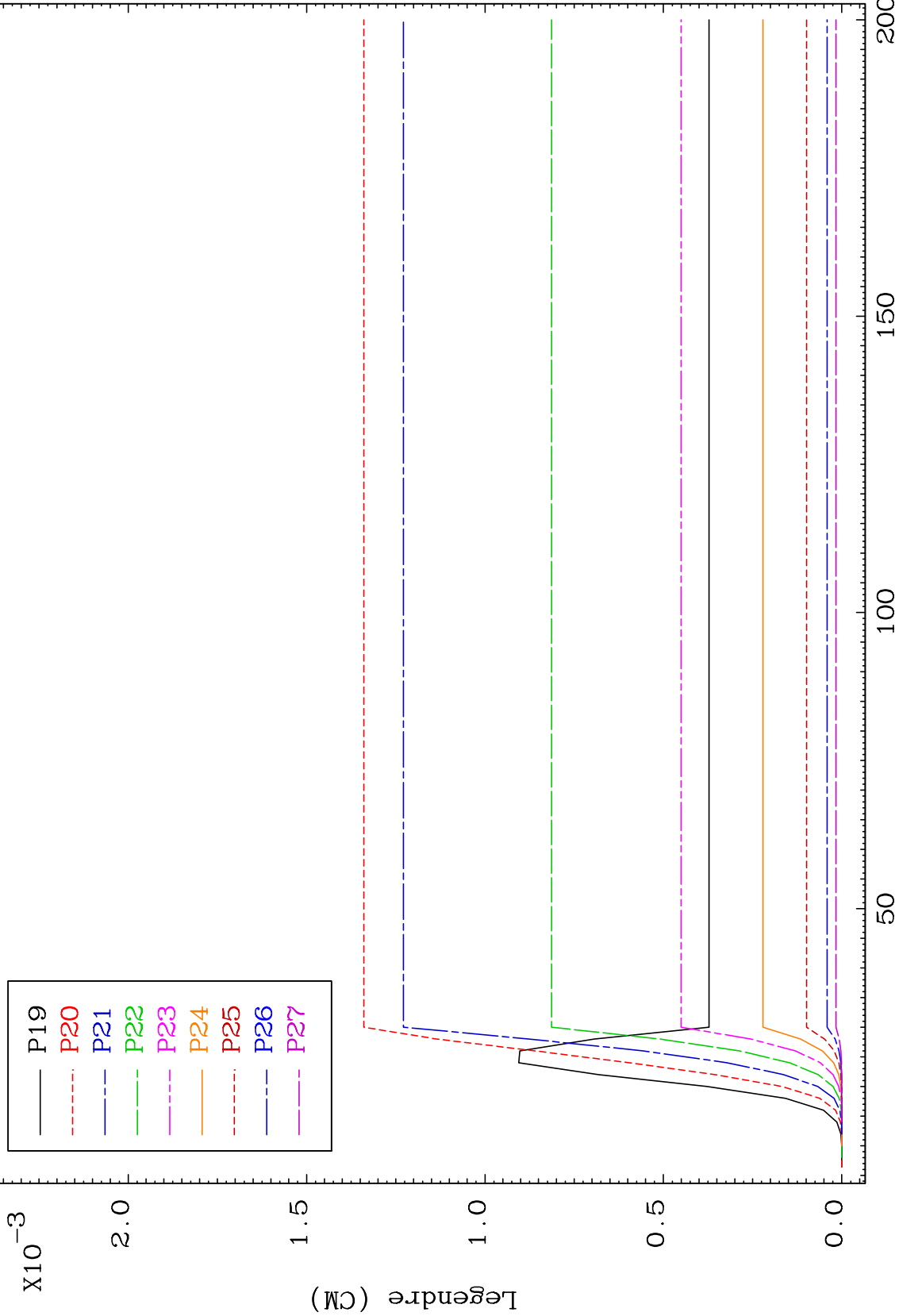
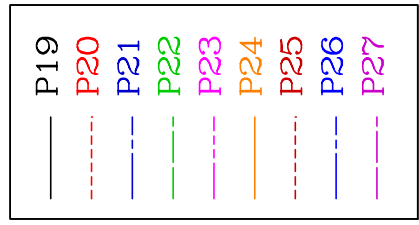
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 78 (n,n') Level
Legendre Coefficients

63-Eu-152



114

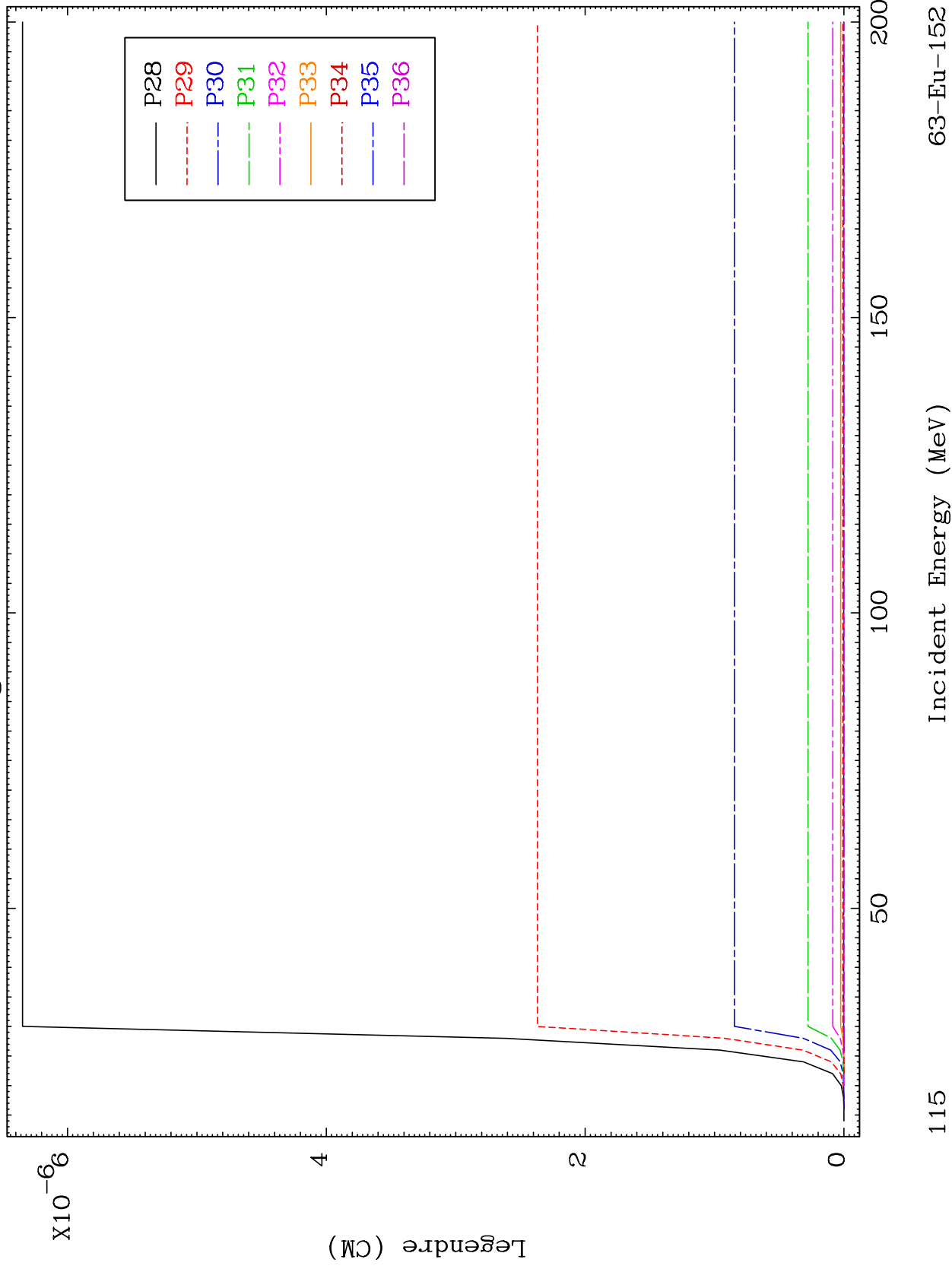
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 78 (n,n') Level
Legendre Coefficients

63-Eu-152



115

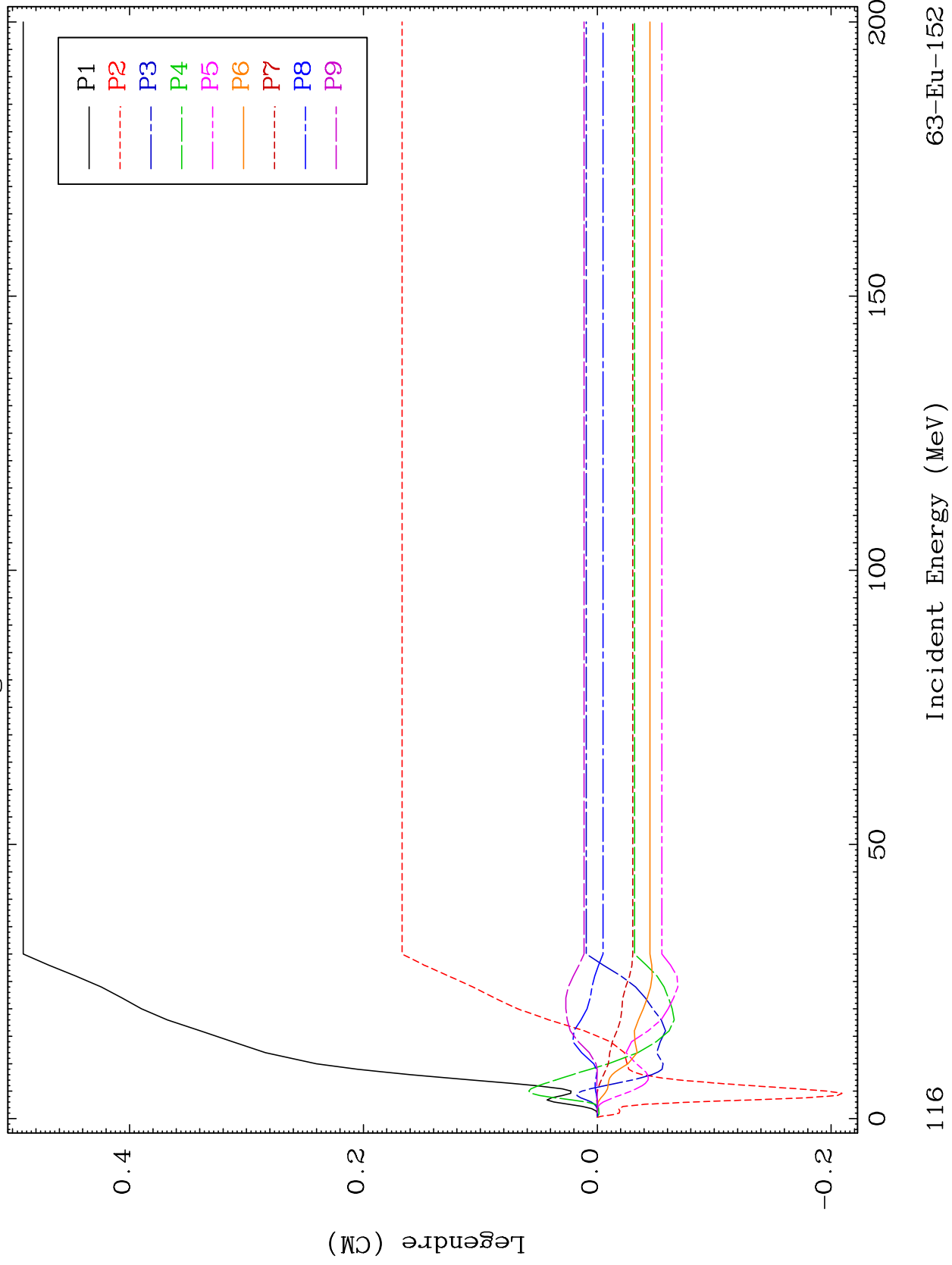
Incident Energy (MeV)

63-Eu-152

MAT 6328

MT= 79 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

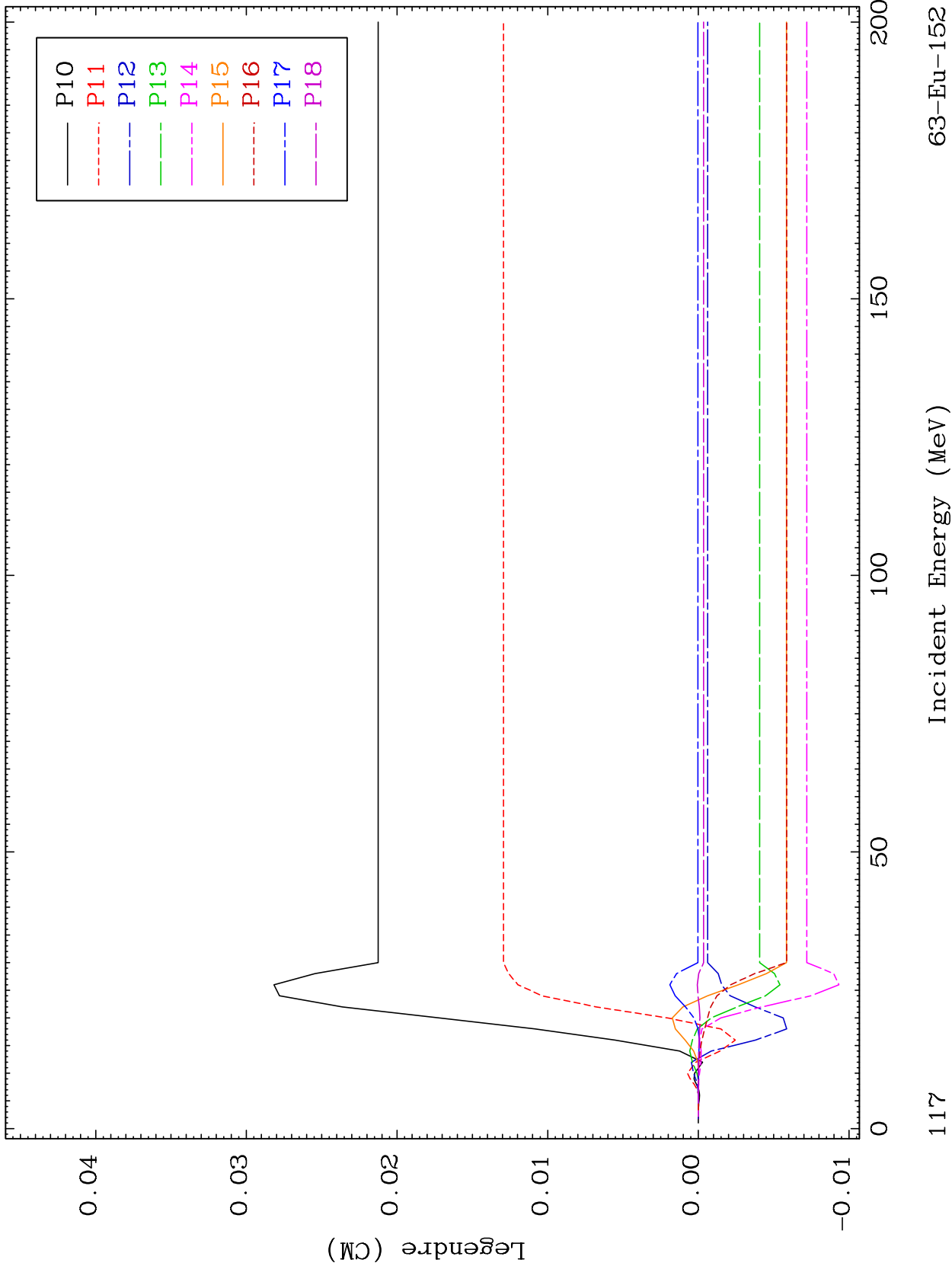
Incident Energy (MeV)

116

MAT 6328

MT= 79 (n,n') Level
Legendre Coefficients

63-Eu-152



63-Eu-152

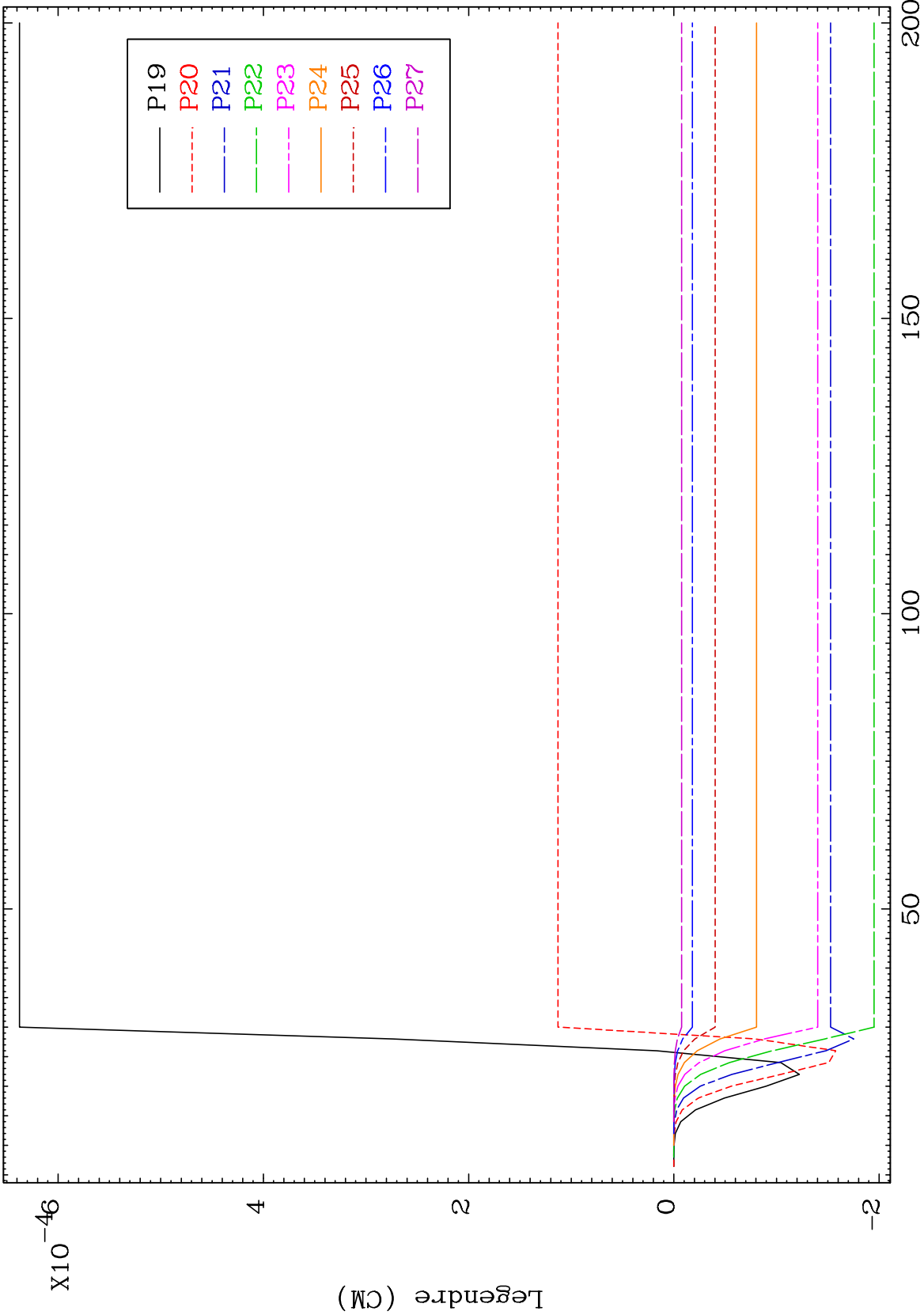
Incident Energy (MeV)

117

MAT 6328

MT= 79 (n,n') Level
Legendre Coefficients

63-Eu-152



118

Incident Energy (MeV)

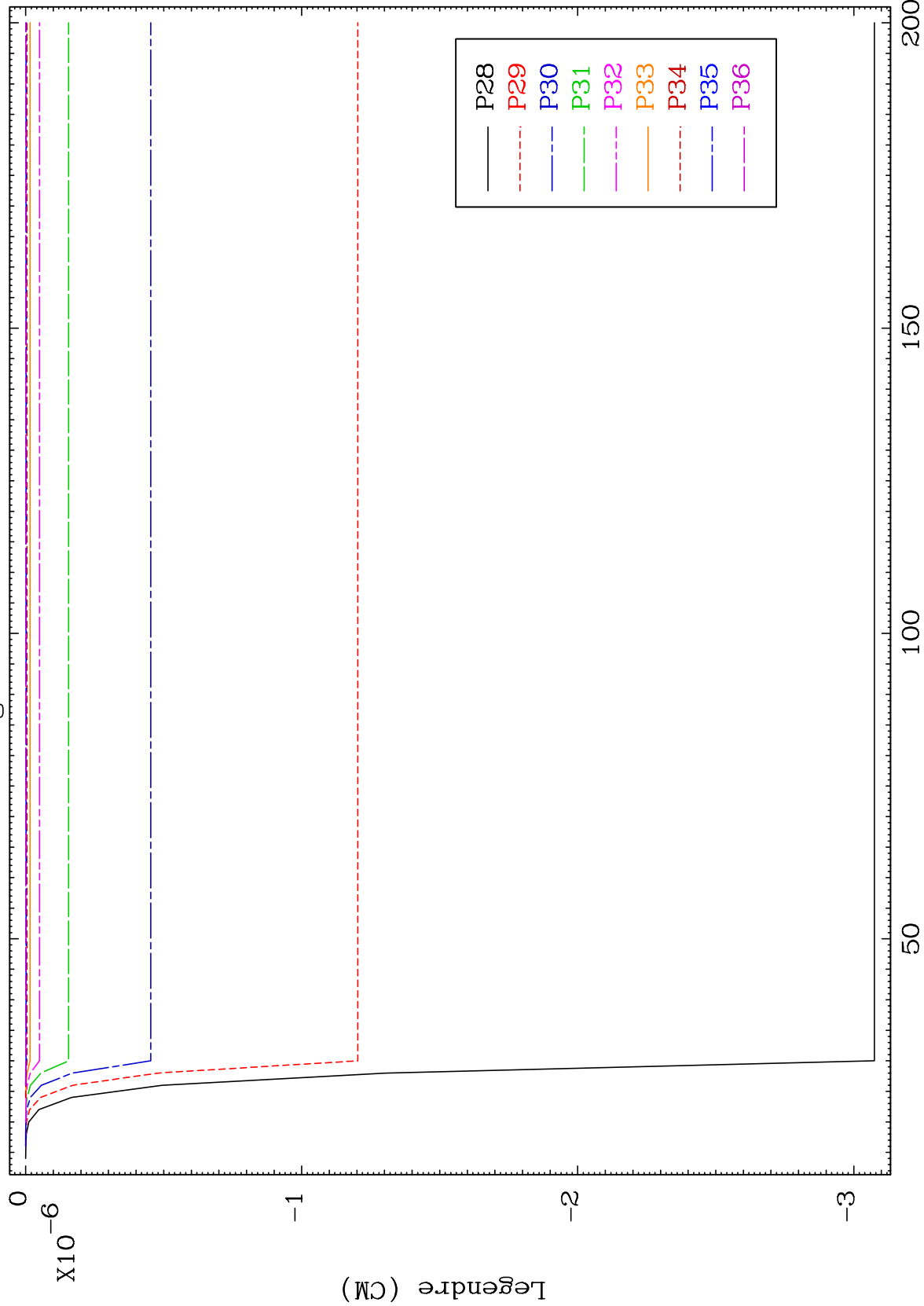
63-Eu-152

MAT 6328

MT= 79 (n,n') Level

63-Eu-152

Legendre Coefficients



63-Eu-152

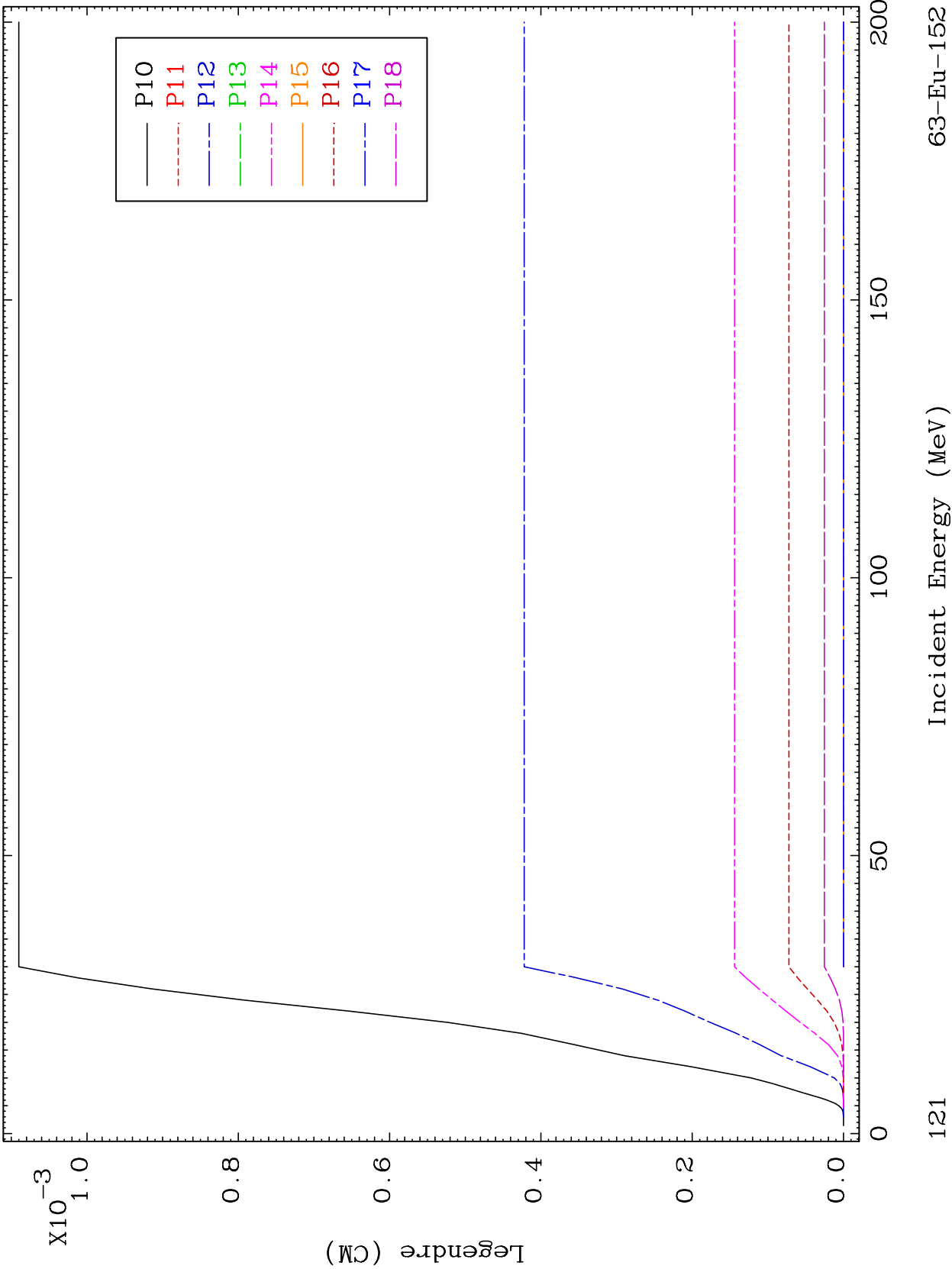
Incident Energy (MeV)

119

MAT 6328

MT= 80 (n,n') Level
Legendre Coefficients

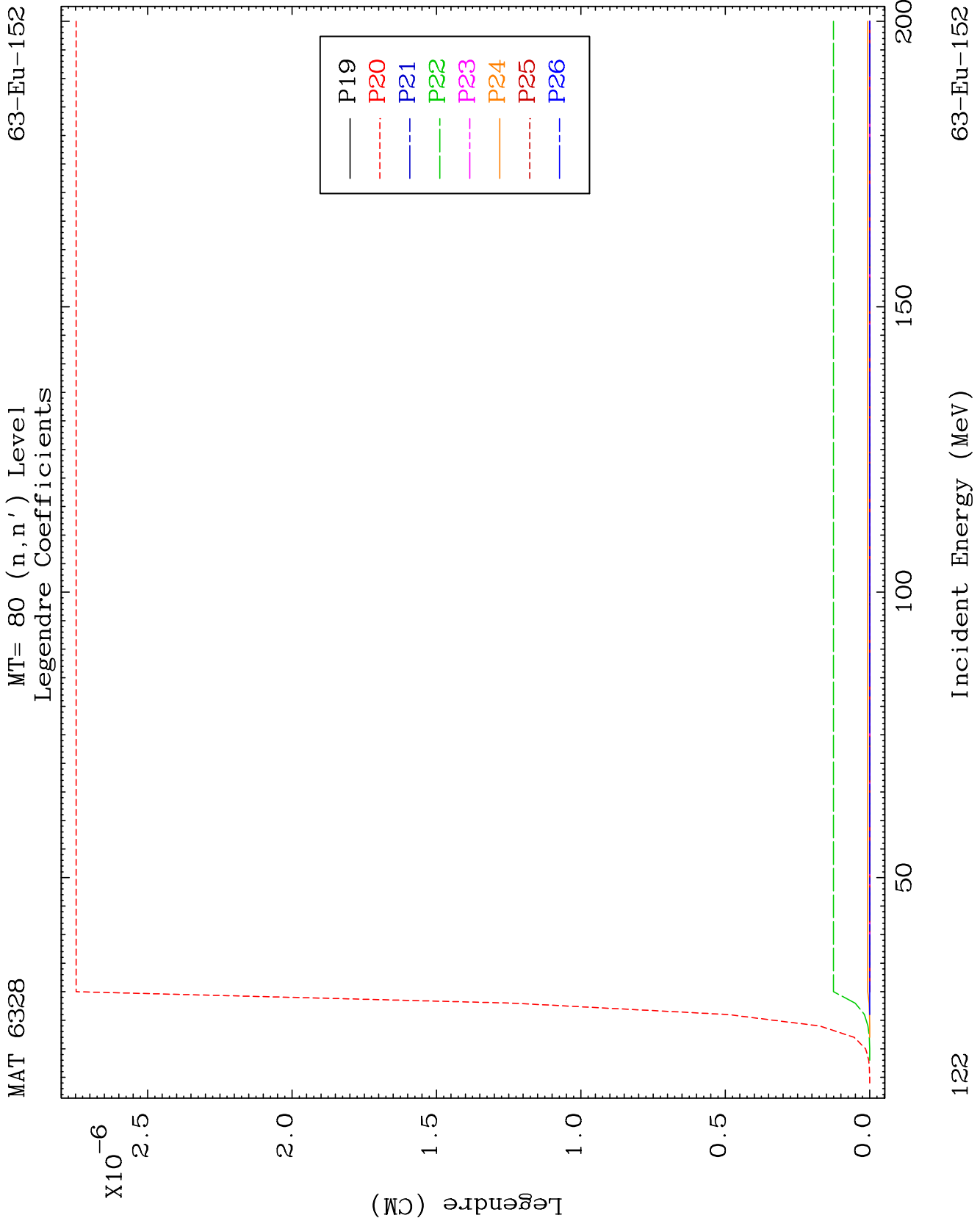
63-Eu-152



63-Eu-152

Incident Energy (MeV)

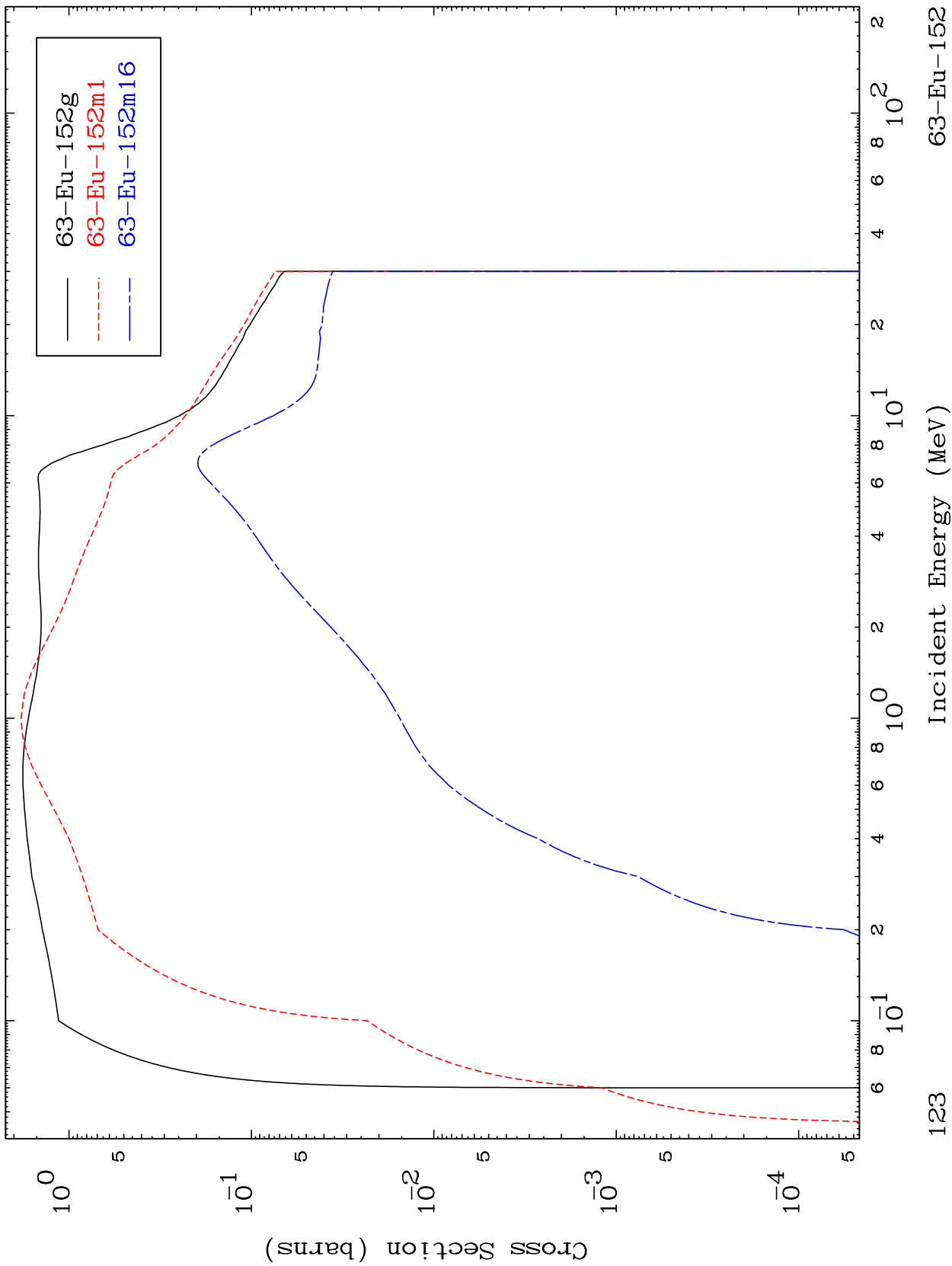
121



MAT 6328

63-Eu-152

Inelastic
Radionuclide Production Cross Section



123

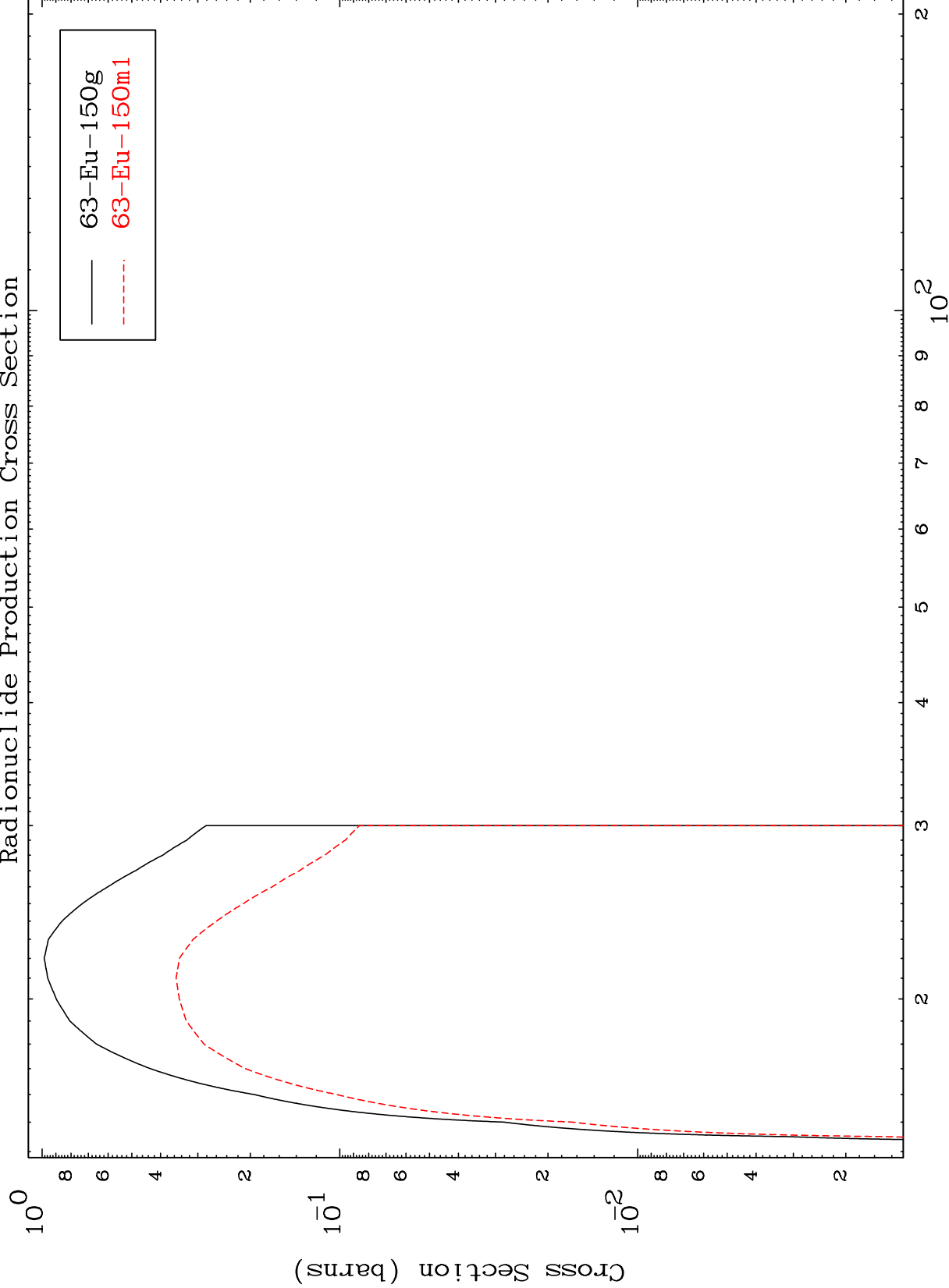
63-Eu-152

MAT 6328

(n,3n)

63-Eu-152

Radionuclide Production Cross Section



124

Incident Energy (MeV)

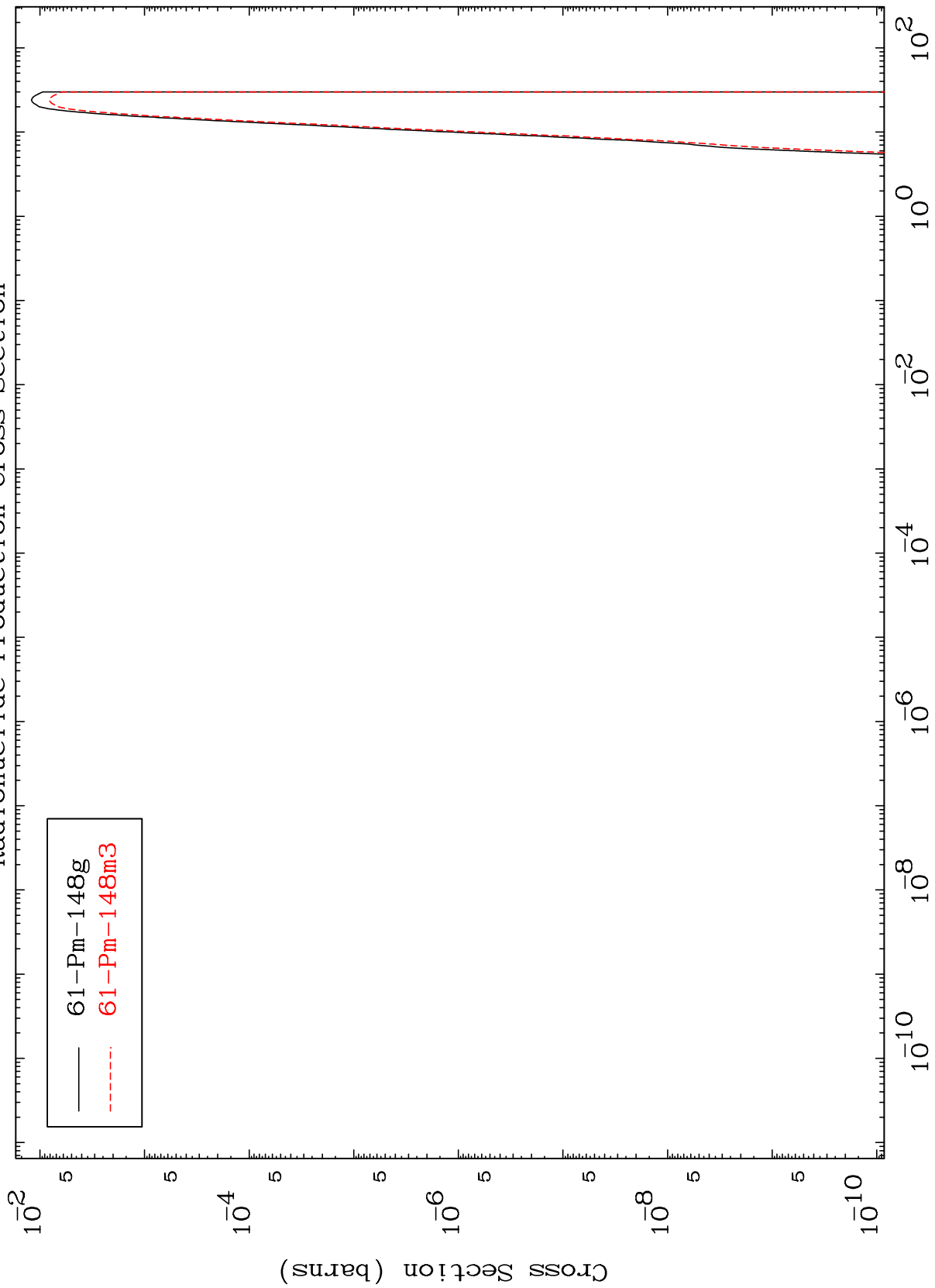
63-Eu-152

MAT 6328

$(n, n') \alpha$

63-Eu-152

Radionuclide Production Cross Section



125

Incident Energy (MeV)

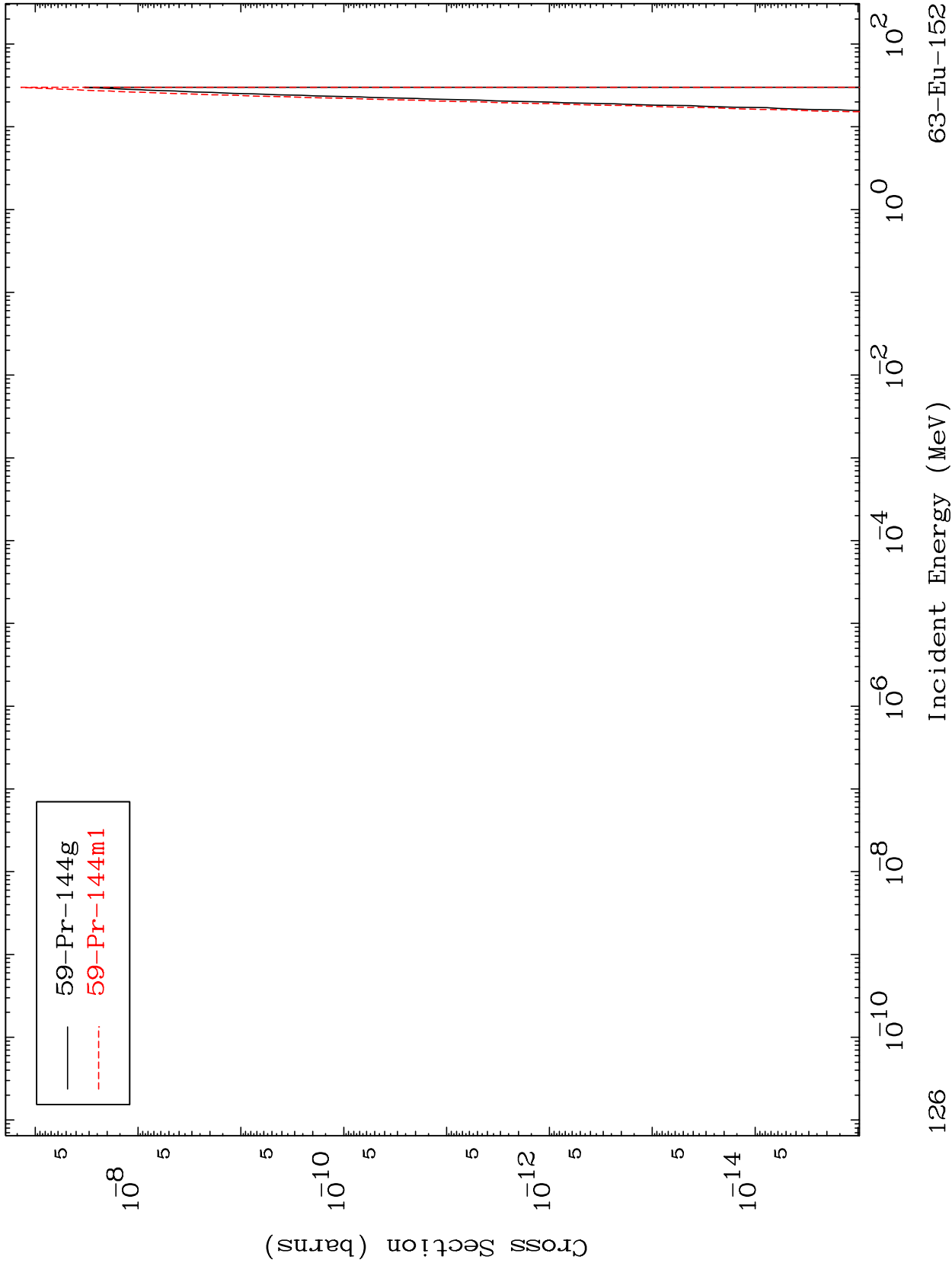
63-Eu-152

MAT 6328

(n,n') 2 α

63-Eu-152

Radionuclide Production Cross Section



126

Incident Energy (MeV)

63-Eu-152